

CHEMIST and DRUGGIST

OCTOBER 23, 1943



The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

324
CXL

OCTOBER 23, 1943

Annual Subscription (with
Diary) 25/- Single Copies 9d.



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Please
return
Monsanto
empties

Many of these products are either controlled or subject to restriction arising from control of raw material. These conditions may vary, but, subject to such restrictions, we shall be glad to discuss availability and prices with consumers giving the best advice we can on the current position.

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**BUY THE
DOUBLE
SIZE**



RETAIL PRICE 1/1

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BIG NATIONAL ADVERTISING SCHEME COMMENCES SHORTLY

— ORDER STOCKS NOW!

RATIONING AND VITAMIN A

It can be anticipated that the demand for Crookes' Halibut Liver Oil this year will be greater than ever before.

Vitamins A and D are established as essentials to wartime dietary and extensive reminders of their value will be stressed in all advertisements in the National Press.

Owing to packing and other wartime difficulties, it is advisable to order your winter stocks as soon as possible. Our schedule of bonus parcels, as seen from the list, has not been altered.

TERMS OF SUPPLY

- 1 Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
- 2 The order must be accompanied by cash. No pro-forma invoices can be issued.
- 3 Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
- 4 Bonus in kind cannot be allowed on any other Halibut Oil Products.
- 5 We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.



CROOKES' HALIBUT LIVER OIL Standard Parcels of Drops or Capsules only

	Bonus	Sell	£ s. d.
PARCEL G = 1 DOZEN 12 x 15 c.c. 5/- Drops Less 25%	1	5/-	3 0 0 15 0 2 5 0 4 6
.. 10%			
*Amount of cash with order			*£2 0 6
PARCEL H = 3 DOZEN 36 x 5 c.c. 2/- Drops Less 25%	3	2/-	3 12 0 18 0 2 14 0 5 5
.. 10%			
*Amount of cash with order			*£2 8 7
PARCEL J = 1 DOZEN 12 x 30 c.c. 9/- Drops Less 25%	1	9/-	5 8 0 1 7 0 4 1 0 8 1
.. 10%			
*Amount of cash with order			*£3 12 11
PARCEL K = 6 DOZEN 72 x 5 c.c. 2/- Drops Less 25%	12	2/-	7 4 0 1 16 0 5 8 0 10 10
.. 10%			
*Amount of cash with order			*£4 17 2
PARCEL L = 1 DOZEN 12 x 100 Capsules Less 25%	1	8/6	5 2 0 1 5 6 3 16 6 7 8
.. 10%			
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PARCEL M = 3 DOZEN 36 x 100 Capsules Less 25%	3	8/6	15 6 0 3 16 4 11 9 4 1 3 0
.. 10%			
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THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10
Telephone : Willesden 6313 (5 lines) Telegrams : Collosols, Harles, London

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REFRESHING
SLEEP

Cadbury's
BOURN-VITA

NEEDS NO SUGAR

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The fact that goods made of Raw materials in short supply owing to war conditions are advertised in this paper should not be taken as an indication that they are necessarily available for export.

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(continued overleaf)



Order your requirements NOW!

6/3 per dozen less discount

6 dozen parcel less 5% & 2 1/2%

16 " " " 10% & 2 1/2%

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MERSALYL B.D.H. complies with the specification for Mersalyl B.P.

Mersalyl B.D.H. is a diuretic of high activity and low toxicity; it is indicated in the treatment of oedematous conditions, particularly those complicating cardiac disorders. Modes of issue: in ampoules of 1 c.c. and 2 c.c. of a 10 per cent. solution for intravenous or intramuscular injection (Injection of Mersalyl B.P.) and in the form of tablets and suppositories. Mersalyl B.D.H. is being advertised to the medical profession, and pharmacists will be well advised to keep an adequate stock in readiness for all demands.

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Box of 6 x 1 c.c. ampoules	Wholesale per doz.	40/-	Tax 6/8 per doz.	Retail including tax	5/7
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" " 6 x 2 c.c. "	" " "	48/-	" 8/- "	" " "	6/8
" " 12 x 2 c.c. "	" " "	88/-	" 14/8 "	" " "	12/3

For rectal administration.

Suppositories containing 0.4 gram. Box of 6 Wholesale per doz. 58/- Tax 9/8 per doz. Retail including tax 8/1

For oral administration.

Tablets containing 0.08 gram. Bottle of 20 Wholesale per doz. 40/- Tax 6/8 per doz. Retail including tax 5/7

THE BRITISH DRUG HOUSES LTD. LONDON N.1

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The public will buy **URILLAC** where they see it!



Therefore prominent counter display of Urillac at the point of sale is essential if you wish to reap the benefit of the Urillac advertisement appearing regularly in your local press.

On the **P.A.T.A.** protected list

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COX
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& Co., Ltd.
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CHEMISTS

IF YOU
MUST
SWITCH
ON-

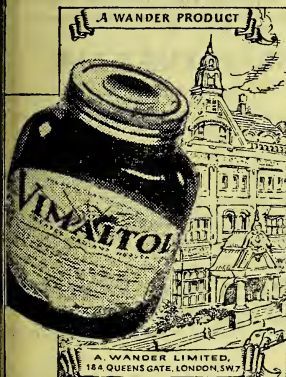
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BY USING
MAZDA
LAMPS
THEY STAY
BRIGHT LONGER



3969

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PHARMACISTS are now offered exceptional sales possibilities through 'Vimaltol.' This concentrated and economical vitamin food has a delightfully sweet orange flavour which all children love, and is a delicious alternative to malt and cod liver oil. In fact, 'Vimaltol' is as nice as the nicest jam.

The vitamins in 'Vimaltol' are supplied from specially prepared Malt Extract and Yeast, which is one of the richest natural sources of vitamin "B," together with Halibut Liver Oil fortified with additional vitamins.

'Vimaltol' thus possesses definite advantages for increasing strength and weight and fortifying the natural powers of resistance. It is a product of the highest quality, and its high concentration makes it very economical in use.

Widespread advertising of 'Vimaltol' coupled with its intrinsic merit, is creating a demand which you can turn to your advantage by ordering stocks now and displaying 'Vimaltol' prominently.

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(VI-MALT-OL)

THE CONCENTRATED VITAMIN FOOD
FOR INFANTS, CHILDREN AND ADULTS
AT ALL SEASONS

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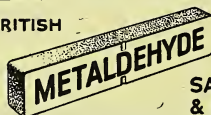
Cost per doz.	Pur. Tax	Selling price, incl. tax
No. 0 size 20/-	6/5	36/- (3/- each)
No. 1 size 36/-	11/7	66/- (5/6 each)
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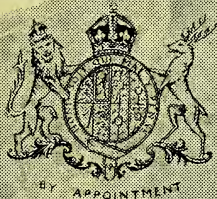
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FULL size, 8 oz.

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Chemists only

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⁶³ *The*
CASH
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FOR CATS, DOGS AND
ANY SIZED ANIMAL

GIVES INSTANTANEOUS UNCONSCIOUSNESS
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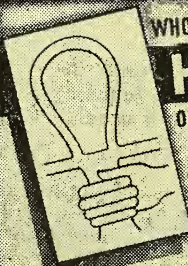
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The next Examination will be held at
Liverpool on December 7th and 8th, 1943

Last date of entry, Monday, 8th November, 1943
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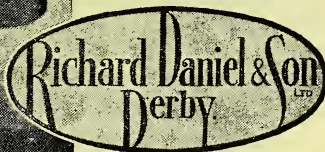
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COMPRESSED TABLETS

We can give deliveries on time and invite enquiries

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Potter's



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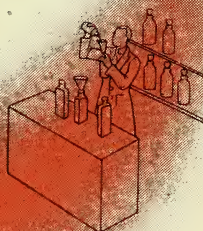
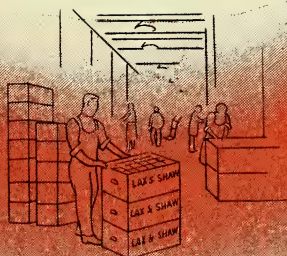
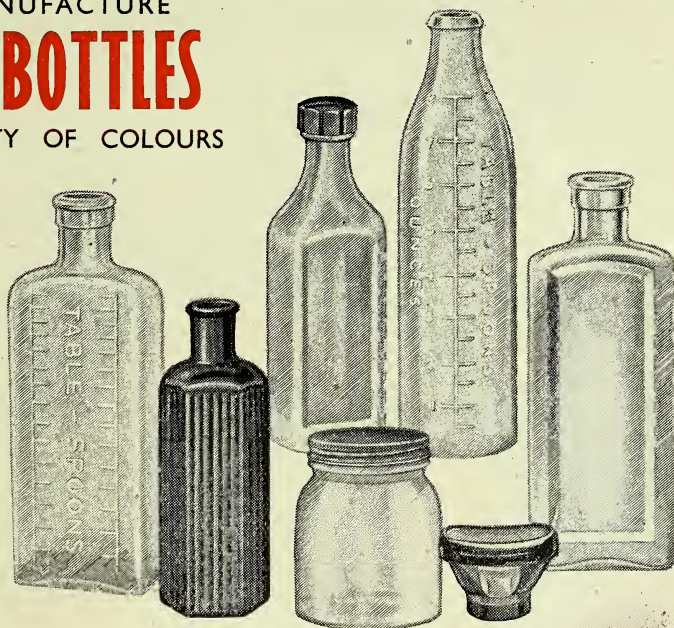
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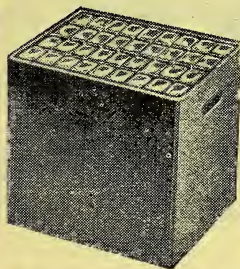
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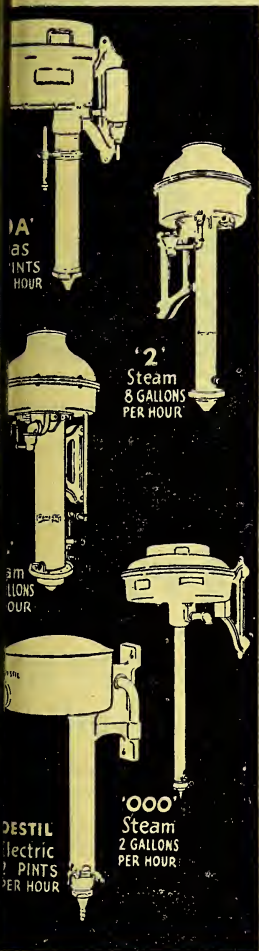
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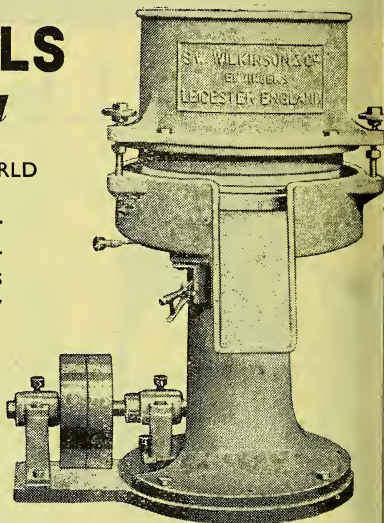
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NEWS OF THE WEEK

Zoning of Breakfast Foods.—Under a Ministry of Food Order, which comes into force on November 14, zoning provisions will be applied to cereal breakfast foods.

Sweets Ration Unchanged.—There is no change in the amount of the sweets and chocolate ration, or in the value of the seasonal points coupons, for ration period No. 4, which began on October 17.

Irish Chemical Association.—The Irish Chemical Association held its annual meeting at University College, Dublin, recently, when Mr. Douglas Mellon was elected president, and Mr. P. A. Spillane, Sc., secretary.

Bradford N.P.U. Branch Officers.—At an annual meeting of the Bradford Branch of the N.P.U. recently, the following new officers were elected: *Chairman*, Mr. W. Brown; *Vice-chairman*, Mr. B. W. Whitmer; *Secretary*, Mr. A. S. Davy, Towngate Pharmacy, Idle, Bradford.

£200,000 to College of Surgeons.—Endowments valued at £200,000 have been made by Mr. W. H. Collins (chairman of Cerebos, Ltd.) to the Royal College of Surgeons. Mr. Collins had previously made donations amounting to £100,000 to the Middlesex hospital, London.

Plymouth Talk on S.M.A.—An address on the Socialist Medical Association was given recently to the Plymouth Branch of the Pharmaceutical Society by Mr. L. S. Ollis, L.D.S. The S.M.A., he said, was comprehensive of all medical workers—doctors, pharmacists, and others, and had one aim: a free medical service for all.

Eire Pharmacists' Retreat.—The annual retreat organised by the pharmacy branch of the St. Joseph's Young Priests' Society will be held this year at Milltown Park during the week-end November 27 and 28. Those intending to take part should communicate with Mr. F. McDonnell, M.P.S.I., 12 Summerville Park, Rathmines, Dublin.

Middle East Air Mail Suspension.—The Postmaster-General announces the suspension of the Air Mail Letter service at 1s. 3d. per $\frac{1}{2}$ -oz. (postcards 7d.) to Middle East Force, Cyprus, Egypt, Palestine, Syria, Transjordan and Turkey. The Airgraph service to all destinations concerned, except Turkey, and the 6d. air letter service to the Middle East Force, remain.

Drugs Missing from Cars.—A leather attaché case containing dangerous drugs was stolen from a doctor's car in Duke Street, Glasgow, on October 9. The case contained morphine and atropine tablets, and other drugs.—A case containing two tubes of arecoline and one tube of morphine sulphate tablets was reported missing, on October 8, from a car at Stockton, Cheshire.

South Shields Closing Hour.—The closing hour for chemists' shops under contract with the South Shields Insurance Committee will be at 7.15 p.m. during the winter months. Though permitted to arrange a rota under which one establishment remains open till 7.15 in each district, while the remainder close at 6 p.m., the local chemists have not at present submitted such rota for the approval of the Committee.

Christmas Mails.—The Postmaster-General announces that letters, Christmas cards, printed papers and parcels intended for Christmas delivery to members of H.M. Forces serving in South Africa or with the Middle East Force, Persia and Iraq Force (Paiforce), and West African Force must be posted not later than November 1. Food-stuffs (whether in tins or not), including chocolate and confectionery of all kinds, are prohibited.

Edgware Lecture on House Fly.—Edgware Division of the North London Pharmacists' Association met at Edgware on October 11, when an illustrated lecture on "The House Fly" was given by Mr. T. E. Wallis, D.Sc., F.I.C., Ph.C. Questions were asked by Messrs. Wright, Williams and Ross-Mansell. A vote of thanks was proposed by Mr. A. T. Stanley, and seconded by Mr. T. C. Young (a member of the Pharmaceutical Society's Council).

Reminiscences at Brighton.—The first meeting of the autumn session of the Brighton and Hove Branch of the Pharmaceutical Society was held on October 7, when Dr. E. Miskin gave a lecture, "Reminiscences of Foreign Travel," illustrated with lantern slides made from his own photographs. The talk covered Iceland, Norway,

Sicily, Palestine, Egypt and other places now much in the news. The thanks of the audience were expressed by Mr. F. A. THOMAS and THE CHAIRMAN (Mr. G. F. Paterson).

Withdrawal of D.D.A. Authorities.—The Home Secretary has withdrawn from Alastair Frederick Buchanan Mackay L.R.C.P., L.R.C.S., 407 Abbey Hey Lane, Gorton, Manchester, in consequence of a conviction for offences against the Dangerous Drugs Acts, the authorities granted him by Regulations made under the Dangerous Drugs Act, 1920, to be in possession of and to supply any drug or preparation to which the Dangerous Drugs Regulations, 1937, or any drug to which the Raw Opium, etc., Regulations, 1937, apply.

Eire Retail Trade Trends.—At the annual meeting of the Irish Retail Traders' Protective Association, recently, Mr. A. M. Loughlin warned members that, with the return to civil life of men in the armed Forces and the change-over of industrial plant from war to peace-time production, monied interests were bound to develop the chain store and introduce "revolutionary" changes in retail trade.—At the annual meeting of the Federation of Irish Manufacturers, also held recently in Dublin, the vice-president (Mr. P. L. McEvoy) said it was surely time that business qualifications and financial stability were required of those proposing to enter retail trade.

Chemical Industry Research.—At a joint meeting of the Chemical Engineering Group of the Institution of Chemical Engineers and the London section of the Society of Chemical Industry, held in London on October 12, Lord McGowan (chairman, Imperial Chemical Industries, Ltd.) said that the first requirement for the future of the chemical industry was to maintain the maximum supply of inventions by the more energetic prosecution of research by universities, industry, and the Government. The needs of chemical manufacturers were too many and varied to be covered by any one research association, and a far greater measure of co-operation between firms was needed.

Winter Vitamins Distribution.—At a Press conference on October 5 Lord Woolton (Minister of Food) announced that the Ministry, jointly with the Ministry of Health, had made arrangements to supplement the winter shortage of vegetables with supplies of orange juice for young children. A target of 60 per cent. of the possible maximum supply had been set, against

2.7 per cent. distributed last year. The price of a bottle of juice equal to twelve oranges had been fixed at fivepence, and a 6-oz. bottle of cod liver oil at tenpence. Free supplies were available to persons registered for free milk, and blackcurrant pulp or purée would be available for children up to sixteen.

Bath N.P.U. Branch.—Before introducing the main business of the annual meeting of the Bath Branch of the National Pharmaceutical Union on October 15, the chairman (Mr. W. Huxley) referred to the loss sustained by the death of Mr. W. L. Dixon (Assistant Editor of THE CHEMIST AND DRUGGIST), who had taken a keen interest in the branch activities. The following officers were then elected: *Chairman*, Mr. Swain; *Vice-chairman*, Mr. H. T. Noble; *Treasurer*, Mr. J. H. Hopkins; *A.T.A. Secretary*, Mr. T. J. Cornish; *Secretary*, Mr. E. C. Haskins, 34 Bathwick Street, Bath. A resolution was passed approving the objects of the proposed Joint Industrial Council in pharmacy, with the proviso that such remuneration and conditions for employees as are decided upon are compatible with the prosperity or otherwise of retail pharmacy. The secretary was requested to ask the N.P.U. for information about the class of persons entitled to baby food through local food centres and why supply is through that channel.

Airgraph Invoices to Australasia.—The Australian and New Zealand Merchants' and Shippers' Association has been active in connexion with the receipt by importers in Australia and New Zealand of invoices on or before arrival of the goods. The problem was to some extent overcome by the adoption of the practice of posting invoices in ships' bags, but, frequently, declared invoices were not available before sailing. The Association appointed Mr. Sydney Jacobs to negotiate this matter on behalf of members, with the result that both Australian and New Zealand customs authorities have agreed to accept airgraph invoices, giving sufficient detail to enable the consignee to clear his goods through customs, with a modified declaration at the foot for signature by the sender—the condition, however, being imposed that fully declared invoices should be submitted to the authorities immediately on arrival, in confirmation of the airgraph invoices on which the goods had already been cleared. This is a distinct advantage, because the airgraph invoice forms, having sufficient space available on them for several items to be included in one posting, will save not only expense in giving guarantees to effect clearance of goods, but in time and labour in securing the same result. The forms (Australia No. A.G.4. A. and New Zealand No. A.G.3. N.Z.) are now available in London.

PARLIAMENTARY NEWS

Priority Sales Bill.—The House of Lords, on October 19, gave a second reading to a Price Control (Regulation of Disposal of Stocks) Bill. The Bill provides that particular classes of purchaser shall, in the case of certain goods, be given priority where supplies are restricted. The Bill does not apply to foodstuffs.

State Medical Service.—Mr. Ernest Brown informed Dr. Russell Thomas, on October 14, that he was alive to the need for altering the views of doctors serving in the Armed Forces, both in this country and abroad, in regard to the future of medical practice, but the appropriate time would be when the White Paper had been issued on the basis for public discussion. To Sir Ernest Graham-Little, who asked whether the Minister was aware that the representative body of the British Medical Association had, in 1942 and 1943, recorded almost unanimous opposition to the establishment

of any whole-time salaried State medical practice, as proposed in Assumption B of the Beveridge Report, and whether he still adhered to his declaration at Westminster Hospital, on October 4, that the Government had accepted Assumption B and was engaged in putting its provisions into operation, Mr. Brown said the answer to the last part of the question was "Yes," but Assumption B of the Report did not contain the particular proposal which Sir Ernest described, nor did it purport to deal at all with the method of organising the new service.

Toilet Sales Clerical Work.—The President of the Board of Trade informed Mr. Hannah, on October 12, that the present control of the manufacture and supply of toilet preparations had been worked out in close consultation with the trade, and he was satisfied that the control was necessary to check evasion and black marketing by a minority of traders.

EMPIRE AND FOREIGN NEWS

Possible U.S. Menthol Sources.—The Department of Commerce of the United States Government is investigating the possibility of obtaining menthol from Belgian Congo ocimum oil.

British Ambulances for Mexico.—Two Red Cross ambulances have been donated by the British Colony in Mexico to the Medical Department of the Mexican Army in recognition of the fact that Mexico is fighting on the side of the Allied Nations.

Higher U.S. Drug Imports.—Improved shipping conditions have enabled larger quantities of sugar to be allotted to industrial users in the United States, an increase from 70 per cent. to 80 per cent. of peace-time consumption having been sanctioned. Another product coming into the country in greater quantities is castor oil, increased allocations of which are expected to release soybean oil for other war purposes.

Apprentice Shortage in U.S.—The supply of licensed pharmacists and pharmacy students has reached a dangerous level in the United States, according to a survey of pharmacy man-power recently carried out. The Selective Service Order, the effect of which is to "freeze" pharmacy students now in colleges, is expected to relieve the position in the Armed Forces, but is unlikely to relieve the shortage of trained personnel in civilian pharmacy.

American Pharmaceutical Association.—The ninety-first annual meeting of the American Pharmaceutical Association was held at Columbus, Ohio, on September 9, 10 and 11. The following affiliated organisations held their meetings at the same time: The American Association of Colleges of Pharmacy; the National Association of Boards of Pharmacy; the American College of Apothecaries; the American Society of Hospital Pharmacists; the Conference of Law Enforcement Officials; and the Conference of Pharmaceutical Associations' Secretaries.

Canadian Pharmaceutical Association Reorganised.—At a Council meeting of the Canadian Pharmaceutical Association held in Toronto in August, at which delegates were present from all the provinces except Manitoba, a business manager was appointed to the Board of Commercial Interests. His duties will include travelling throughout the Dominion and interviewing members of the wholesale, retail, manufacturing and import sections of the trade.

Several changes were also made in by-laws of the Association. Mr. M. Warner, Edmonton, has been elected president of the Association; Mr. Foster Chittick, Halifax, vice-president; and V. E. Hessel, formerly of Alberta, business manager.

Strychnine Substituted for Morphine.—Vancouver police court, British Columbia, recently, Staff-Sergeant Charles W. Da..., a pharmacist in the Royal Canadian Artillery Medical Corps, was charged with being in unauthorised possession of "dangerous drugs. It was stated he was in charge of emergency medical supplies. By chance was found that he had been stripping "syrettes" and vials containing cocaine and morphine of their contents, and substituting strychnine and calomel. These had been shipped for use in the north, but fortunately most of the goods had been recovered. A syrette was described as a small container containing enough solution for one injection. The syrettes and vials had been wrapped in tissue tops, which had been pierced with a hypodermic needle, the contents withdrawn and the container refilled with other material of the same colour. The hearing was adjourned, bail being allowed \$10,000.

Coming Scarcity of Pharmacists.—E. H. Waldruff (president, L. K. Liggett Co., Ltd., and drug director of the Royal Canadian Trade Administration, War-time Prices Control Board) told Ontario pharmacists at a convention in Toronto recently of the scarcity of graduate pharmacists would be a serious problem in Canada in the next five or ten years. "We may expect a shortage of about 800," he said. "Only 100 are graduating in Canada this year." He blamed low wages and long hours, when combined to make the profession unattractive to young men. Graduates, after years of study, could expect only about \$10 a week more than non-graduates. At the same rate, it took the graduate eight to twelve years to "break even"; surely a graduate druggist was worth \$50 a week. His wages could not be paid, however, without higher earnings by pharmacies, and he advised that 50 per cent. discounts should be allowed on prepared pharmaceutical preparations instead of 25 to 49 per cent. A basic common standard for graduates throughout the provinces would, he thought, materially assist in easing the manpower situation.

TOPICAL REFLECTIONS

For and Against

Your report of a discussion at Liverpool (p. 394) should be read in conjunction with the letter headed "What Prospects for apprentices?" (p. 400): the optimism in the first is in some degree balanced by the pessimism in the second. No survey of the whole of the ground covered is attempted here. I select first as noteworthy a diplomatic remark (perhaps in the nature of a trial balloon) by the president of the Pharmaceutical Society. Mr. Howells referred to the fixing of remuneration for "national" dispensing, "if thought necessary and desirable," on a different basis from that now in force. Payments under the National Health Insurance Acts have been so unsatisfactory, from the inception of the scheme to the present day, that pharmaceutical committees may well consider whether it would be better to scrap the whole system of pricing and start afresh. The results of a new method of procedure would hardly be worse than anything panel chemists have endured during the past forty years or thereabouts. The able letter "R. E. Bell," whose dispensing practice, to learn, comprises private and panel prescriptions in equal numbers, does not deal specifically with this point; but it presents a case for there being "little hope of a real future behind a chemist's counter," and arrives at the startling conclusion that pharmacy should be left "entirely" to women. It may be that only "about 10 per cent. of pharmacists" can earn a living "by exercising purely pharmaceutical skill and ability"—we need not scrutinise the figure closely. Does it follow that all of the 10 per cent. must be of the female sex? Or is the writer thinking in one case of "pure" pharmacy and in the other of the business of a chemist and druggist? Of his other statements—I assume that the writer is a male—I need qualification: "in any retail pharmacy, business ability is of far more importance than professional achievement"; and "net profit is probably about one-third of what it was forty years ago." Our readers can make their own comments.

Apprenticeship

What bearing have this letter and the Liverpool discussion on apprenticeship? Pharmacy is to be left to women, male apprentices will become an extinct species. We are hardly within measurable distance of that change at present. One of the speakers at the Liverpool meeting, Mr. H.

Humphrey Jones, remarked that the more successful a man was in business, the poorer, very often, the apprentice turned out. The outcome of apprenticeship depends, I believe, on more than one factor. If all apprentices could be trained in shops mainly devoted to dispensing, the results would differ considerably from those that we know; and there is nothing except the accidents of life—ebb and flow of population, for instance—to prevent the proprietor of a "dispensing" business from doing well financially. The fact is that owners of good businesses, whatever the proportion of dispensing revenue to total turnover may be, will, in many cases, not accept the responsibility involved in training beginners. These young people come from school with only a dim apprehension of what a pharmacy is like; they make numerous blunders, and get larking in storerooms or warehouses. Some part of their training is usually delegated to an assistant, a course not entirely satisfactory to the employer, the apprentice, or his guardians. The more scientific part of pharmaceutical training is being increasingly done in colleges; this is to the good, though nothing can replace the special knowledge from work in a shop.

A Council Post-bag

The correspondence received at the October meeting of the Pharmaceutical Society's Council (p. 384) was, as a whole, of more than usual interest, and two items in it suggest comment. The wording of the official note on a letter from the Guild of Public Pharmacists is not fully explicit, but it appears (for otherwise there would not be much point in the Guild's protest) that the Ministry of Health suggests the bestowal of a rank or qualification on Apothecaries' Hall dispensers that they do not possess. One would have thought that the Ministry had more respect for Section 3 (2) of the Pharmacy and Poisons Act of 1933 than to make so revolutionary a suggestion. Dispensers of the rank referred to can obtain employment for what they are; why seek to acknowledge them for what they are not? If any such proposal is carried into effect, the result is likely to be an Achilles heel for pharmacy. Without exact knowledge of what is covered by the information that free samples of medicinal products are being or have lately been distributed in cartons, I can only refer to the matter in general terms. This or any similar practice carries its own condemnation. **Xrayser**

BIRTHS

COOKE.—On October 4, Carrie, the wife of Albert Cooke, M.P.S., 47 Booth Road, Waterfoot, Rossendale, Lancs, of a daughter.

DEATHS

BECKWITH.—On October 5, Mr. Arthur Frederick Beckwith, Ph.C., 101 De Vere Gardens, Ilford, Essex. Mr. Beckwith qualified in 1885, becoming a pharmaceutical chemist in 1887.

BLACKMORE.—At Weston-super-Mare, on October 5, following an operation, Mr. Frank Blackmore, The Steppes, Milton Hill, Weston-super-Mare, aged sixty-eight. Mr. Blackmore qualified as a chemist and druggist in 1897. He served his apprenticeship with the late Mr. Webb, Fairlawn Buildings, West Street, and later purchased a pharmacy in High Street. He had been for many years vice-chairman of the Weston-super-Mare Constitutional Club, a Past Master of the King Alfred and a member of St. Kew and Wessex Lodges of Freemasons.

FREEMAN.—On October 7, Mr. Arthur Owen Freeman, M.P.S., 47 High Street, Ley, Worcestershire, aged seventy-one.

FROST.—On October 10, Mr. Frederick Philip Frost, Buckingham House, Graham Road, Great Malvern, aged eighty-seven. Mr. Frost qualified as a chemist and druggist in 1879.

HALL.—On September 9, Mr. John James Hall, M.P.S., 40 Abbey Road, Stirling. Mr. Hall qualified in 1915.

HALSTEAD.—At the London Chest Hospital, on October 7, Mr. Ralph Halstead, M.P.S., Glenholme, Dale Road, Matlock, Derbyshire, aged twenty-seven.

HAY.—On active service in Sicily, in July, Mr. James Hunter Hay, M.P.S., 8 Pitlake Bridge, West Croydon, Surrey.

KEEN.—On September 23, Mr. Leslie John Keen, M.P.S., 60 Newland Drive, Scunthorpe, Lincs, aged forty-four.

PARKHOUSE.—On September 26, Mr. Arthur Edward Parkhouse, M.P.S., 3 King Edward's Avenue, Tiverton, Devon, aged seventy-two.

ROWNTREE.—On October 14, Mr. Cecil Rowntree, F.R.C.S., aged sixty-three. Mr. Rowntree was a member of the Grand Council of the British Empire Cancer Campaign, vice-president of the International Cancer Union, and Hunterian Professor of Surgery at the Royal College of Surgeons.

ROSS.—On October 13, Mr. A. W. Ross, Fellow of the Institute of British Surgical

Technicians, senior orthopaedic and surgical appliance fitter to S. Maw, Son and Sons Ltd., New Barnet, Herts, for over twenty-two years.

WILLIAMS.—Recently, Mr. John Rees Williams, M.P.S., 72 Robert Street, Manselton, Swansea, aged thirty-five.

YOUNG.—Recently, Mr. James Fletcher Young, M.P.S., 47 New Cleveland Road, Brisbane, Queensland, Australia.

PERSONALITIES

MR. RICHARD FERRAR TIMONEY, who achieved the distinction of qualifying a Licentiate of the Pharmaceutical Society, Ireland, and winning the Society's gold medal (see p. 420) when he had just attained his twenty-first year, served his apprenticeship with Mr. S. Wilson, M.P.S.I., Johnson's Medical Hall, Ranelagh, and is now on the staff of John Smith & Son, Rathgar.



Mr. R. F. Timoney, M.P.S.I.

MR. T. S. WHEELER, D.Sc., Ph.D. (Eire State Chemist), addressed Dublin Rotar Club on October 4 on "Chemistry in the Service of Man."

MAJOR W. E. WOOLLEY, M.P., M.P.S. contributed to the debate on pay-as-you-earn income tax in the House of Commons on October 15.

MR. CYRIL E. GILL (city analyst) gave an address on "Scientific Aid in Crime Detection" to the Plymouth Branch of the Pharmaceutical Society recently.

A.C.I W. B. McKELVEY, M.P.S., 15 Union Road, Oswaldtwistle, is serving in the photographic department of the Royal Air Force, and is now with the Indian Command.

MR. KENNETH PARSONS, a student at Kingston-on-Thames technical college, has been awarded a Leverhulme scholarship value £60, at Oxford University. Mr. Parsons recently passed the Intermediate examination of the Pharmaceutical Society.

RECENT WILLS

MR. HARRY CHASE GARDENER, 188 Jersey Road, Osterley, Isleworth, Middlesex, ferry merchant, who died on June 27, left £5,888, with net personalty £6,674.

MR. PETER ALEXANDER ABEL, M.P.S., Market Place, Inverurie, Aberdeenshire, died on March 27, left personal estate Great Britain valued at £7,126.

SIR HAROLD BECKWITH WHITEHOUSE, R.C.S., 7 Pritchatts Road, Edgbaston, Birmingham, late president of the British Medical Association, who died on July 28, left £59,272, with net personalty £43,452.

MR. HAROLD NIXON, 274 Allerton Road, Liverpool, late chairman, Ayrton, Saunders & Co., Ltd., manufacturing chemists, Liverpool, who died on April 20, left £3,760, with net personalty £2,301.

MR. PAUL CHRISTOPHER INGENLATH, Dartmouth Park Road, Forest Hill, London, E., a director of Paul Ingenlath, Ltd., dye and gelatin merchants, who died on June 27, left £12,288, with net personalty £708.

COMING EVENTS

Saturday, October 23

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY, Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1, at 3.30 p.m. Mr. A. Hessel Tiltman, B.Sc., on "The Use of Photographically Sensitised Metal, Wood and Plastics."

Sunday, October 24

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Bollington, Disley, Romiley. Meet London Road Station at 9.30 a.m. Book Bollington return. Carry lunch.

Wednesday, October 27

GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH OF THE PHARMACEUTICAL SOCIETY, Lorne Restaurant, Greenock, at 6.15 p.m. District meeting on "Present-day Pharmacy Problems."

LEEDS BRANCH OF THE PHARMACEUTICAL SOCIETY, Metropole Hotel, Leeds, at 3 p.m. Dr. J. Vaughan Jones, M.B., Ch.B. (a member of Council of the British Medical Association) on "Medical Aspects of the Beveridge Scheme."

Thursday, October 28

LEICESTER AND LEICESTERSHIRE BRANCH OF THE PHARMACEUTICAL SOCIETY, Great Hall, College of Technology, The Newarke, Leicester, at 5.30 p.m. Distribution of prizes by Mr. H. N. Linstead, O.B.E., M.P., Ph.C. (Secretary of the Society). Followed by a play "Jacob Bell and Some Others," by members of the Leicester School of Pharmacy. Collection in aid of Society's Benevolent Fund.

COMPANY NEWS

MURRAY ELLIS, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in chemicals, drugs, disinfectants, etc. Stuart M. and Dorothy E. Ellis, directors. P.O.: Meuko Works, 65a St. Georges Road, Dorchester.

UNDERWOOD'S, DISPENSING CHEMISTS, POOLE, LTD. (P.C.).—Capital £2,000. Chemists, druggists, etc. C. J. K. Stephen and Dorothy M. Underwood, directors. R.O.: 2 Tatnum Crescent, Wimborne Road, Poole, Dorset.

R. H. HOTHERSALL, LTD. (P.C.).—Capital £2,000. To acquire the business of a chemist and druggist carried on at 322-24 Union Road, Oswaldtwistle. Robert H. HOTHERSALL, M.P.S., and Emeric A. Eccles, M.P.S., directors. R.O.: 322-24 Union Road, Oswaldtwistle, nr. Accrington.

BOLTON & SONS (CAERPHILLY), LTD. (P.C.).—Capital £3,000. To acquire the business of a mineral water manufacturer carried on as Bolton & Sons by G. E. Bolton at Bedwas Road, Caerphilly, Glam. G. E., J. A., and E. T. Bolton, directors. R.O.: 18 Bedwas Road, Caerphilly, Glam.

B. E. JONES (HAVERFORDWEST), LTD. (P.C.).—Capital £1,000. To acquire the business of a chemist and druggist, etc., carried on by Mary M. Jones at 31 Bridge Street, Haverfordwest. Mrs. Mary M. Jones, Thomas Bleddyn and William J. Davies, M.P.S., directors. R.O.: 31 Bridge Street, Haverfordwest.

DISNEY INDUSTRIES, LTD. (P.C.).—Capital £500. Analytical laboratories, consulting and manufacturing chemists, surgical and electrical instrument makers, manufacturers of toilet preparations, etc. Gabriel Cofman-Nicoresti, M.P.S., director. R.O.: Ashmead House, Disney Street, London, S.E.1.

HORLICKS, LTD.—Directors' report for year ended March 31, 1943, shows a profit for the year of £229,000 which, together with the balance brought forward of £12,223, less directors' fees, makes an available total of £235,334, against £218,136 in the previous year. An interim dividend of 13½ per cent. actual, less income tax, was paid on April 1, 1943, and a final dividend of 16½ per cent. actual, less income tax, is proposed. Balance carried forward is £17,074. Two directors, Lieutenant-Colonel J. N. Horlick and Mr. O. P. Horlick, retire, and being eligible, offer themselves for re-election.

TRADE NOTES

Seasonable.—As a warming and stimulating application Losall's Thermal liniment is suggested by the makers, Lofthouse & Saltmer, Ltd., Hull. Trade terms were given in a recent announcement.

Company Report.—A report on the eighth annual meeting of Aspro, Ltd., which was held in London on October 12, together with a summary of the chairman's address, is given on another page of this issue.

A Well-advertised Inhalant.—Mascot Laboratories, 55 South Methven Street, Perth, Scotland, direct the attention of chemists to Mascot liquid inhalant, the efficacy of which is given added sales value by Press publicity.

Agency in India.—Mr. D. M. Dey (Dey Bros., formerly of Rangoon), 173/1 Dharamtola Street, Calcutta, India, desires to get in touch with manufacturers of pharmaceutical preparations with a view to obtaining their agencies and to renewing contacts he has had in the past.

Prices Increased.—International Foot Appliances, Ltd., 92 Baker Street, London, W.1, announce that the prices of Omniped foot cushions were raised, on October 11, as follows: Trade, 49s. 9d. per doz. pairs; retail, 5s. 11d. pair. The prices of the renewal bandages are unchanged.

Garden Requisites.—Horticultural specialties issued in the Monrose series by George Monro, Ltd., Waltham Cross, Herts, include liquid manure and W.X. tar oil winter wash. The company are also distributors of Universal D.N.C. dinitro-ortho-cresol winter wash for orchard use.

Two Hundred Years' Experience.—Johnson & Sons, Manufacturing Chemists, Ltd., Hendon, London, N.W.4, point out that the Johnson laboratories were engaged in the assay of precious metals long before photography was invented. The company has been making fine chemicals for photographic use for a century.

New Series of Trade Advertisements.—The second of a new series of advertisements by Meggeson & Co., Ltd., Llewellyn Street, London, S.E.16, featuring developments achieved in various spheres from 1796 (the year of the establishment of the house of Meggeson) to the present day, appears on another page. Attention is also drawn to the appointment of a new representative of the company in South London.

Zinc and Copper Cream.—Supplies Cupragen cream, a non-greasy, emollient cream containing zinc and copper, application in minor facial dermatoses impetigo, and other common skin affection is again available in 2-oz., 1-lb., 5-lb., and 14-lb. jars from the makers, Genatos Ltd., Loughborough, Leicestershire.

Multi-vitamin Capsules.—Capsules containing the six vitamins A, B₁, B₂, C, D, and nicotinic acid have been introduced under the name Vykmin multiple vitamin capsules. The sole distributors are Wilcox, Jozeau & Co., Ltd., 74 White Lion Street, London, N.1. Stocks are limited but inquiries will be dealt with in strict rotation by the sole distributors. Vykmin capsules are made by Health Services, 132 Baker Street, London, W.1.

Electric Vehicles.—The Brush Electrical Engineering Co., Ltd., Loughborough, and Metropolitan-Vickers Electrical Co., Ltd., London, announce that they have furthered their interests in the battery-operated electric-vehicle industry. It is hoped that the permission of the Ministry of Transport and the Ministry of Supply will be secured to enable a limited number of new vehicles to be produced during the next few years for the use of private customers from spare parts in stock.

Rexall Autumn Specialities.—The attention of Rexall agents is directed to a shortened list of Rexall specialties available as follows: Bronchial and catarrh syrup; asthma powder; bone and nerve liniment; chilblain remedy; embrocation; penetrating liniment; rubbing oil; menthol and wintergreen balm; nasal jelly with ephedrine; malt and oil products. The makers, United Drug Co., Ltd., Kirkcaldy, Strathclyde, Nottingham, state that the omissions are due to war conditions.

Essential Oils Control.—Mr. J. W. Joy, who represented the Soft Drinks Industry (War-time) Association, Ltd., on the advisory committee of the essential oils scheme, has tendered his resignation from the committee, believing that the interests of the Association are adequately safeguarded. His resignation has been accepted with regret, and Mr. J. W. Middlemiss has been appointed to fill the vacancy. Mr. Middlemiss is a deputy assistant secretary of the London Chamber of Commerce, and also as secretary of the dentifrice manufacturers and the perfumery and toilet preparations

manufacturers' sections of the Chamber. He is also secretary of the British Aromatic Compound Manufacturers' Association, and represents the interests of these industries on the advisory committee.

New Specialities.—New products introduced by Glaxo Laboratories, Ltd., Greenford, Middlesex, include 2:7-diaminodiphenylamine hydrochloride, a compound stated to have the lowest toxicity of all the flavines. It is rapidly bactericidal and in effective concentration does not interfere with healing, and is also effective against certain gram-negative organisms not affected by other acridines in similar concentrations. This preparation is issued in 25-gm. bottles, and also is 5-aminoacridine hydrochloride, an irritant antiseptic with an antibacterial activity similar to that of other flavines, but without the common pyrogenic organisms, and with the advantages of not staining the skin and of being easily removed by water from fabric. Pelonin amide brand of nicotinamide is available in bottles of twenty-five and 100 50-mgm. tablets and in containers of six and twelve 50-mgm. ampoules. Suspended T.A.B. Vaccine (synthetic culture medium) Glaxo now replaces the makers' dissolved T.A.B. vaccine, many physicians preferring a suspended type of T.A.B. vaccine. The medium is issued in 5-c.c. and 25-c.c. bottles.

Proprietary Articles Trade Association

Additions to Protected List.—*Glaxo Laboratories, Ltd.*—Full details of a number of additions to the protected list may be obtained on application.

Parke, Davis & Co. Alka Dextro, 4-oz., 20s., tax 3s. 4d. doz., inclusive retail price 9½d.; hydrated magnesia, 8-oz., 12s. doz., tax 2s. doz., i.r.p. 1s. 8d. Vi-Siblin, 1-lb., 72s., tax 12s. doz., i.r.p. 10s. 16-oz. size hydrated magnesia withdrawn.

Westminster Laboratories, Ltd. Ki-Uma ointment, tin, 27s. doz., tax 4s. 6d. doz., i.r.p. 4½d.; 1-lb. carton, 180s. doz., tax 30s. doz., i.r.p. 22s. 6d., less 2½ per cent. for cash with order or within seven days of date of invoice.

Wright, Layman & Umney, Ltd. Wright's safety-shaving-stick refills, 8s. 11d. doz., tax 1s. 3d. i.r.p. 1s. 3d.

Alterations.—*Anglo-American Pharmaceutical Co., Ltd.* Tubelette menthol and wintergreen cream, retailed in one size only (war-time pack jars), 15s. doz., tax 2s. 6d. doz., i.r.p. 2s. 3d. *Evans Sons Lescher & Webb, Ltd.* Cascaromat, 1-oz., 28s. doz., tax 4s. 8d. doz., i.r.p. 3s. 7d.; 2-oz., 87s. doz., tax 14s. 6d. doz., i.r.p. 11s. 10d. Bire for Purgoide, 25's, 1s. 6d., 12s. 2-oz., 100's, 3s. 6d., 28s. doz.

Ugloine Co., Ltd. First-aid outfits, 2s. 6d., tax 6d. doz.; ½ assorted orders, 21s. doz., exempt from tax.

Jackel et Cie (of Paris), Ltd. Jackel's cream for the hair, bonus of thirteen to doz. to retailers on complete dozens withdrawn.

McCaw, Stevenson & Orr, Ltd. War-time pack of Seccotine, in screw-cap bottle, 7d., 4s. 8d. doz. up to 5 doz.; 4s. 5d. doz. for six to eleven doz.; 50s. for one gross and over. Seccotine in tubes no longer available. During the present emergency Seccotine cannot be supplied to Eire.

Marie Antoinette Co., Ltd. Marie Antoinette shampoo powder now only available in envelopes retailing at 4d., inclusive. Retailers receive discount of 5 per cent. on three-gross lots.

Oatine Co. Oatine toilet soap, 8s. doz., tax 2s. 6d. doz., i.r.p. 1s. 1d.; bath soap, 14s. 9d. doz., tax 4s. 9d. doz., i.r.p. 2s.

Thos. Reid & Sons, Ltd. Bamyl pine-tar skin soap, 4s. 4½d. doz., tax 1s. 6d. doz., i.r.p. 8d.

Business Changes

MR. G. L. BEET, Ph.C., has removed to 11 Wyresdale Avenue, Southport, Lancs.

M. CALTHORPE & CO., LTD., manufacturing chemists, have removed to Vinyard Works, Ossett, Yorks.

INDUSTRIAL PUBLICITY SERVICE, LTD., removed, on October 18, to 1 Albemarle Street, Piccadilly, London, W.1. Telephone: Regent 2591.

THE NATIONAL PHARMACEUTICAL EMPLOYEES' UNION, which has recently been registered as a trade union, is now permanently housed at 21 Charterhouse Street, Holborn Circus, London, E.C.1.

MR. G. W. MILLER (general sales manager of Roche Products, Ltd.) is re-joining Burroughs Wellcome & Co. as manager-designate of the company's overseas division. He will take up his appointment on November 1.

Christmas Suggestion.—Double your waste paper collection, pool it with other pharmacists in your town. Sell the collection to the waste paper merchants and send the proceeds to the Society's or the N.P.U. War Benevolent Funds.

C. & D. QUIZ NO. 13

1. Who isolated adrenaline?
2. Who first inoculated with cowpox?
3. What is Danish ointment?
4. What is semen contra?
5. What is Niemeyer's pill?
6. What is seriparium?
7. What is vasoliment?
8. What is Morison's paste?
9. What is elixir proprietatis?
10. What is eau de Luce?

(Answers on p. 425)

BAROMETER CENTENARY AND TERCENTENARY

THE mercury barometer resulted from an experiment by the Italian scientist Torricelli three hundred years ago; aneroid barometers were devised by a Frenchman, Vidier or Vidie, in 1843. Both instruments, substantially unchanged, are in extensive use to this day; nor is there any likelihood that they will be generally superseded. That this is so is, no doubt, essentially a result of the simplicity of the principle involved, but the power of the mind that first formulated the principle will be acknowledged by the imaginative. Torricelli's experiment was aimed at demonstrating that the atmosphere exerted a weight or gravity of its own. This he did, with a success which must have been spectacular to the onlookers, by inverting into a trough of mercury a narrow tube, in length about 3 ft., filled with the same metal. If there had been no "weight" of atmosphere to support the column the quicksilver would of course have emptied itself immediately into the trough. The slight fall in the column left a vacuum (the so-called Torricellian vacuum) above the column, from the length of which the atmospheric pressure could be arrived at by simply calculating, from its known specific gravity, the weight of mercury supported for a unit area.

The most notable change in mercurial barometers has been that readings are now made, for meteorological purposes, in terms of millibars, or units of pressure, instead of in units of length. Otherwise, minor variants have been made using other fluids instead of mercury, or a siphon instead of a cistern, but "improvements" have been introduced only in the methods of making the reading. Thus Pascal, in 1648, erected a water barometer against the front of a house in Rouen, and incidentally demonstrated a connexion between altitude and length of column. Luke Howard, in 1801, used linseed oil. And

J. B. Jordan, in 1873, constructed glycerin barometer that secured for him the commission to instal a similar instrument at Kew Observatory in 1894.

Account of Jordan's work in the construction of barometers was given in THE CHEMIST AND DRUGGIST 1942, II, 246, where reference is also made to a water barometer made by Daniell for the Royal Society in 1830, and described in considerable detail in "Philosophical Transactions" of 1832.

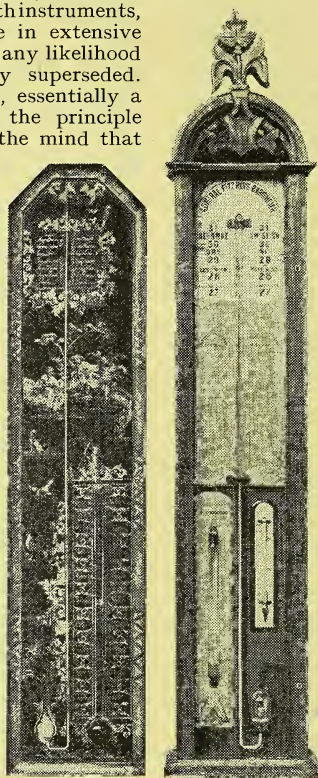
Weather Glasses

Early barometers were not "weather glasses," the sense in which the modern counterparts are popularly sold. It was some years after Torricelli's experiment before a connexion was noticed between the level of mercury in the barometer and the state of the weather, and not before the latter part of the century that weather markings became general. Siphon barometers, in form of a letter J, were an early innovation on the Continent, but were abandoned for a time owing to the smaller range of movement of the mercury surface. Cistern barometers were and remained the instrument of choice in this country, so far as mercurial barometers are concerned.

Advances in Accuracy

The first mercury barometer to give readings of dial was devised by Hooke in England in 1664. Hooke used a float attached to a cord passing over a pulley and counterpoised at the

other end. Dial barometers on the same principle subsequently became usual but hardly survived the introduction of the much less costly aneroid barometer. Another "invention" of Hooke was the use of a liquid above the mercury, to give greater



Left: Early siphon barometer (Isaac Robelou, 1719). Mounted with alcohol thermometer on ornamental panel.

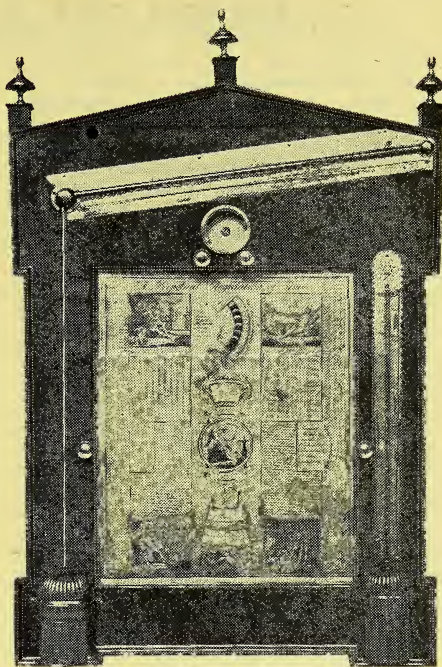
Right: Admiral Fitzroy's siphon-type barometer (circ. 1860). The cistern—the short arm—has a large sectional area, reducing the capacity of error. The instrument also incorporates a mercury thermometer and "storm glass"—a sealed phial containing crystals of ammonium chloride and potassium nitrate in a solution of camphor. In fine weather the crystals are said to remain at the bottom, and in stormy weather to rise, rendering the liquid turbid.

tion in the readings. The same object
 rned Morlands "diagonal" and Cassini's
 angular" barometers. In the former
 upper part was bent at an obtuse angle
 vertical, with the result that a slight
 level caused a considerable lengthen-
 the side tube. The drawback, though
 inherent one, was that the gradua-
 were arbitrary and unrelated to the
 height of the column. In Cassini's
 ment the upper, closed, end of the
 acted as a cistern, and the lower was
 ed as a narrow horizontal tube open
 the air at its extremity. Small move-
 of mercury in the horizontal tube
 thus magnified by its small bore.
 devices directed at improving the
 acy of the reading included two in
 when Derham first used an external
 er adjusted by rack and pinion and
 introduced a micrometer. A more
 tant move was made by Fortin in
 when he brought the level of mercury
 cistern barometer in contact with a
 ivory pointer by means of a screw
 g against an inner, flexible cistern-base.
 sion of a metal scale and vernier
 ed readings accurate to 0.002 in. to
 made—a quite substantial advance.
 sion in readings is also dependent on
 exclusion of air from the quicksilver.
 ng the mercury seems the obvious
 of effecting this, but not until
 is there any record that boiling was
 ted to.

Aneroids

though Vidi, who designed the first
 oid barometer, was French, his design
 first carried out in London a century
 ago. Essentially the aneroid is a vacuum
 esed in a thin-walled metallic box, that
 ges its shape according to the pressure
 of atmosphere against its sides. Usually
 movements are harnessed to an indicator
 a dial. A spiral spring was at first
 porated to ensure that there was a
 n to normal shape under eased pres-
 sure.

Improvements in design chiefly
 ted, first, this spring, in place of which
 minated steel spring is now usually
 stituted, and, secondly, compensation
 changes in temperature. What may be
 rded as refinements were an altitude
 se, first used in 1851, and the use of a
 ometer screw instead of gearing to
 ate the index hand. Otherwise ordinary
 oid barometers differ in no essential
 ect from the original. That is not to
 say, however, that other types of metallic
 meter have not been used with equal



Diagonal closed-cistern barometer (circ. 1750). An open scale is secured by inclining the upper portion of the tube to the vertical. The panel mounts also a thermometer, an elaborate perpetual calendar, etc.

effect. In fact, if aneroid barometers were reclassified simply as "metallic," they may be said to have had precursors as early as 1758, when Zaiher devised a marine barometer that consisted of a hollow cylinder exhausted of air and having movable ends kept apart by a spring. Of more permanent interest, however, is the Bourdon type. This consists of a thin, elastic tube of elliptic cross-section, curved into an arc of a circle, closed at its ends, and exhausted of air. Varying pressure causes the ends to move towards or away from one another, and by a system of gears the movements are translated on to a dial. A small mirror attachment to a Bourdon-type barometer projects the readings heliographically on to a recording sheet, thus forming a species of barograph. Other types of barometer include Boyle's "statical baroscope."

The illustrations are from the catalogue of the Science Museum, South Kensington, London, and are reproduced by permission of the Controller of H.M. Stationery Office. The Editor also acknowledges the co-operation of Short & Mason, Ltd., London.

SPEECH DAY AT MANCHESTER

SPEECH Day was held at the pharmacy department, Manchester University, on October 13, the president of the Association (Mr. W. Edwards) in the chair. MR. H. BRINDLE, F.I.C., Ph.C., reported the work of the department. There was an increase, he said, in the number of students taking the degree course. If the Ministry of Health had not limited the number taking the final Ph.C. year it was probable that there would have been as many students taking the higher courses as there were taking the Chemist and Druggist course. It had been evident for some years that students were anxious to proceed to the higher qualification in pharmacy, and ultimately this was bound to be advantageous to the profession—it was an indication that the coming generation of pharmacists realised that it must keep abreast of modern developments in medicine and the sciences. Quite a number looked forward to becoming proprietors of retail pharmacies, where they would find an outlet for their advanced knowledge. In his opinion this was the correct attitude. He had yet to know a pharmacist who had regretted proceeding to the higher qualification.

Academic Honours

In the Council Prize examination held by the Pharmaceutical Society, the bronze medal, the only one awarded, had been won by Mr. G. Rigby. They could therefore claim to have the foremost student of the year. Mr. G. Woolfe (a former demonstrator) had gained the Ph.D. degree, and Mr. H. E. Street had received the Ph.D. degree of London University. There were now three research scholarships, each of a value of £60 per annum, tenable in the department: the Woolley, established some years ago; the Kerfoot, announced last year; and the Allen & Hanburys, instituted this year. Owing to difficulty in securing reservation from military service for research students, it had only been possible to award the Woolley scholarship last year, Miss Lovell, B.Sc., being the successful entrant. A refresher course for pharmacists who had qualified some years ago had been held at the department during the session. The course had been very popular and the full number that could be accommodated had entered for a second course commencing in October this year. Research had been carried on during the year, and several papers had been read by members of the staff at the Conference held in London in July.

Prizes

Prizes were then distributed to students by Mr. C. W. Maplethorpe (a member of the Council of the Pharmaceutical Society) as follows:—

Woolley prize, value £3 3s. (third year and Ph.C. courses): Gerald James Rigby; *Hough, Hoesason, prize*, £3 3s. (best student second year course): George H. Clark; *Allen & Hanburys prize*, £3 3s. (third year B.Sc. Ph.C.): Tennyson Harris; *Association President's prize*, £2 2s.: George H. Clark; *Kerfoot prize*, £2 2s.: Eric East; *Association prize*, £2 2s.: Gerald James Rigby; *Pharmaceutical Society prize*, Codex (Intermediate B.Sc.): Floyd; *Branch Chairman's prize*, £2 2s. (second year, Chemist and Druggist course): B. Bainbridge; *Griffiths Hughes prize*, £2 2s.: George E. Davies; *Pharmaceutical Society Branch prize*, £2 2s.: Frank Hoyle; *Old Pattinson & Co., Ltd., prize*, £2 2s.: I. Winterbottom; *F. C. Baines prize*: I. Smethurst.

Address to Students

MR. C. W. MAPLETHORPE addressed students on pharmaceutical research. He believed investigations and tests could still be carried out by progressive energetic young men and women, keeping their calling. Probable development of the new national pharmaceutical services were bound to act as a stimulus to research, and so revive in a modified form that feature of former Conferences: the practice section. He hoped the new generation of pharmacists would become sufficiently aware of the professional importance of pharmacy, when related to the health services, to realise that pharmacy would not make progress on a purely commercial basis.

President's Address

THE PRESIDENT OF THE ASSOCIATION (Mr. W. Edwards) said he did not expect the Beveridge report to be implemented during the present Parliament; it would be left to a new Parliament that would be elected after the cessation of hostilities. When the proposals came before Parliament there would be conflicting opinions, opposition by vested interests, and proposals for a State medical and pharmaceutical service. It was more than essential that they should have adequate representation in the House, members of every party, so that the claims of pharmacy in the health service should be dealt with by men who knew and understood the nature of pharmacy.

STATUTORY COMMITTEE AT EDINBURGH

cases were submitted for consideration sitting of the Statutory Committee of the Pharmaceutical Society held at 36 York Place, Edinburgh, on October 13. Mr. G. R. who presided, was accompanied by Mrs. F. W. M. Bennett, Arbroath, and Deacon, Bridgewater, as members of the Committee, and Mr. W. R. Roberts as the secretary. The facts of the cases submitted by Mr. H. Bell-Scott.

Case for Restoration to Register

Appellant in the first case asked that his name should be restored to the Register of Chemists and Druggists. A friend who accompanied appellant explained to the effect that he was not a solicitor. THE CHAIRMAN said this must not be taken as precedent but, to avoid the great inconvenience of adjournment, they would allow appellant to be helped in his case by his friend, in no sense as a legal representative. The notice of inquiry was then read by THE GENERAL SECRETARY, who referred to appellant's convictions on charges of abortion attempted abortion in 1940 and 1942, and said that for these reasons he had been excluded by the Statutory Committee of the Society for misconduct as might render him unfit to remain on the Register if he had been a registered pharmacist at the time. Appellant gave an outline of his career prior to his exclusion in 1929. In June 1943 he received an appointment in the West of Scotland where he accepted in good faith and, on the following day, wrote to the Society saying "Please send me the form necessary to enable me to have my name restored to the Register." He did not receive a reply and he wrote again, enclosing postal orders for £1 11s. 6d. On his behalf it was submitted that the incidents all happened prior to appellant's retirement as a chemist, and during the time in which he was a private individual.

Committee's Decision

THE CHAIRMAN, in announcing the decision of the Committee, said appellant had been excluded in 1934 to practice as a chemist, and, very naturally, allowed his name to come to the Register. In June 1943 he applied to the Society or to the Registrar to have his name restored. The Registrar was aware that in the interval a conviction had been entered against him, and drew appellant's attention to the provisions of Section 4, more particularly to subsection 2 of

the Pharmacy and Medicines Act, 1941. Appellant, nevertheless, in his reply, said he wished his application to stand. "In the unanimous opinion of the Committee, it is perhaps the most hopeless application that has ever been made to us under any provision of this Act. We should be failing in our duty to the public and to the members of the Society if we allowed a gentleman with that record to go back on to the Register of what the Lord Chief Justice described as an honourable profession, the standard of which it was the object of these Acts to raise. We must direct that the name of the appellant shall not be restored to the Register."

A Decision Postponed

In the second case, the notice of inquiry stated that the Committee had received information from which it appeared that on certain dates in 1943 the member concerned had been suffering from delirium tremens or from the effects of alcohol or drugs to such an extent as to be incapable of properly carrying on his business as a pharmacist, and was unfit to be on the Register. THE CHAIRMAN intimated that the Committee had not the slightest doubt about the facts that on three occasions, all about the same period, the member concerned had been seriously the worse for drink. It was to be said in his favour that on none of these occasions was he found drunk in his shop during normal business hours, and all the occasions might really be grouped together within a period of three weeks. It was obvious to the committee that he had been dosing himself far too heavily with alcohol to get rid of his malaria. It was difficult to know what to do in a case of this sort. They could not have on the Register of Chemists men drinking so heavily that their conduct was a scandal in a town, even though they did not do it on business premises. But they had a feeling that the member had been rather trying to pull himself together with the help of his doctor. They were prepared to deal with the case leniently. If he was willing that the final decision should be postponed for a period of twelve months they would do so and, at the end of that period, ask him to put before them a report from the police and from his own doctor to the effect that he had made a successful attempt to wean himself from the alcoholic "cure" for malaria. The member intimated his willingness to accept this arrangement.



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The Pharmaceutical Society of Northern
The Chemists' and Druggists' Society of
and of other Chemists' Societies in the Empire

XL OCTOBER 23, 1943 NO. 3324

act that goods made of raw materials
rt supply owing to war conditions are
ised in this paper or described in its
al columns should not be taken as an
tion that they are necessarily available
port.

Proposed Increases in Pharmacy Fees

383 of our last week's issue we printed
at comment a statement by the
ent of the Pharmaceutical Society,
xt having been released to us too near
me of going to Press to allow of the
eration due to so important a docu-
e. Any discoverable satisfaction with
tents will, we believe, be confined to
all minority of pharmacists. It an-
es an impending increase in the fee
ersonal registration, under Section
of the Pharmacy and Poisons Act,
from £1 11s. 6d. to £2, and in the fee
egistration of Premises, under Section
of the same Act, from £1 1s. to £2 2s.
otal increase of £1 9s. 6d.

e explanations advanced in the state-
in support of the increase will, we
e, fail to convince and satisfy the
ity of pharmacists. It is not the
ime they have been promised "a
ous public relations policy"... "oppor-
es for substantial developments in
harmacy"... "development of Parliamen-
elations"... "the utilisation of pharma-
the public health services"... "vigor-
ampaigns against developments which

are inimical to the growth of pharmacy"
... "to provide the means for pharmacy to
seize the opportunities which will be pre-
sented after the war." The achievement
of but a few of these ideals quoted from
the president's statement might, we agree,
be worth the additional £20,000 revenue
to be called for, but, and remembering the
dismal experiences of the past years,
members will have little difficulty in assess-
ing their value and deciding whether or not
they are little more than window dressing,
with the goods somewhat shop-soiled and
threadbare at that. At the same time,
members will realise that an extra £20,000
a year would at least help towards paying
for the new headquarters. If all, or even
most, of the promised activities were to be
launched simultaneously with the com-
pletion of the new headquarters, which it
seems is to take priority, the cost would,
we suggest, be very much more than is now
indicated. The Society's finances would
become unmanageable.

What was Said in 1933

It is appropriate to recall what was said
about registration fees at the British
Pharmaceutical Conference of 1933 by the
president of the Society for that year. The
Act came into force on June 28, and the
presidential statement was made less than
a month later. The following passages are
relevant:—

"What are the considerations which
must weigh with the Council when they
determine this [personal registration] fee
and the fee to be paid for the registration
of shops? First of all, I would say em-
phatically that the fee charged must be
no more than can be amply justified."

The president went on to refer to the
principal item of prospective expenditure,
the new premises in Brunswick Square, in
these terms:—

"I am not thinking of any elaborate or
palatial scheme which is merely a pre-
tentious throwing about of money. I
merely have in mind such a building as
you and I can take pride in pointing out
as the outward and visible sign of what
pharmacy stands for. . . . You may be
assured that the fee finally fixed will not
be a penny more than can be amply

justified by the needs, first, of the current expenses of the Society, and, secondly, of the special claims of a new headquarters."

On the Shops Registration fee he stated:—

"The Council have not considered what the amount should be, and I am certain that they will approach the problem of fixing it with the intention of making it as small as can be justified by the expenditure which has to be incurred."

When, in the following year, a past-president of the Society (the late Mr. F. Gladstone Hines) contributed an article to *THE CHEMIST AND DRUGGIST* estimating the cost of the new premises at £257,000, his article was regarded in some quarters as unduly sensational, and a counter-estimate of £190,000 was soon forthcoming. By the time we last heard about the subject, this latter estimate had been nearly doubled; and it may, of course, be subject to further accretions. This colossal expenditure overshadows the other factors in the 1943 "budget."

Unceasing Increase in Expenditure

The president's statement is based on a report presented to the Council by its Finance Committee. Is there any reason why the Committee's report should not be made available to members? It would have been helpful had it accompanied the president's statement. Are the members not entitled to something rather more definite than a repetition of a promise of a pharmaceutical Utopia—if they are prepared to find yet another £20,000 a year?

Let us remind the president and his advisers of a few significant facts. In 1915 the Society's income was £19,463; by 1932 the income had increased to £63,838, and by 1942 it had soared to £120,338. In 1914 the Society managed with a total income of £18,000 odd, but with similar functions £128,000 was necessary in 1938. Again, why, in the last fifteen years, has the Society's expenditure approximately doubled? During the 1914-18 war the Society did its work, including military service arrangements, with an income of rather less than one-fifth of that which is now regarded as insufficient. Can a Council and its officers who have rocketed expenditure in such a short period be trusted with

the careful and wise expenditure of more money? Is it realised that the increase in fees now to be called for is in the aggregate as much as the total income of the Society in 1918? Are members aware that in addition to the income as shown, the Society receives subsidies for its military service work, etc., which it did not receive in the last war? At the time of its introduction the general explanation of the purpose of the Premises Retention fee was that it was covering the cost of inspection of shops. Is the additional one guinea per shop now proposed to be used solely for inspection of premises, and if so how has the need for a big increase arisen, for we assume it is intended to use the money for other purposes?

Election in 1944

It is some years since the elections were held, but a Council election has now been promised for next year. The Council, at present constituted, may or may not be a truly representative body. In any case, if members are entitled to demand that before the proposed by-laws are submitted for approval to the Privy Council they should be given an opportunity of expressing their opinion on this important matter through the medium of the ballot. Why rush a proposal through: why not put it to a vote? Alternatively, a referendum among members should be taken. We make suggestions as the Council at present has no mandate from its members to act in the manner it now proposes to do.

As to whether members of the Society will derive any benefits if they agree to subscribe an additional £20,000 a year, any other increased amount to the Society's funds, on which the building of the new headquarters is to have a priority call, it will realise that the Council has, in any matter, advocated the formation of a Pharmacy Commission. No doubt the Commission, if allowed to be developed, will be a prominent tenant of the new headquarters. It is reasonable to suppose that, in due time, it might become a subsidiary body under the Ministry of Health, with full authority to control and regiment pharmacy as it thinks fit, and with consequent deterioration in the status of the individual pharmacist.

A Hot-water Bottle Episode

THE excitement was caused in a provincial town recently by a mass display of india-rubber hot-water bottles that appeared in a chemist's window. Although—or perhaps because—the display was accompanied by a notice that intending purchasers must forward medical certificates to a department of the Ministry of Supply, “who may authorise the purchase,” many local doctors showed some degree of irritability at being harried with requests for medical certificates on grounds of greater or less validity. Other chemists, too, were interested in where the supplies came from. Usually there is no change in the hot-water bottle position as it has remained for some

time past. Supplies may be obtained by the retailer from the wholesaler, provided stocks are available. The manufacturer requires a Ministry of Supply permit to release bottles to the wholesaler, and private customers are equally unable to buy without authority from the Ministry. A doctor's prescription is in no circumstances sufficient and, even if sent by the customer to the Minister of Supply, affords no guarantee that a permit will be given.

Whether such displays are wise or diplomatic is a question to which every chemist will supply his own answer. For the majority, it may seem that the risk of offended customers—not to speak of pestered doctors—is not worth the sensational publicity obtained.

PHARMACEUTICAL SOCIETY EXAMINATION RESULTS

The following candidates satisfied the Qualifying examinations held recently in London and Edinburgh:—

London
 Ascow, Harry, Preston
 Atkinson, Evelyn J., York
 Bird, R. B., Ashton-under-Lyne
 Blythe, James, Darwen
 Bland, Barbara M., Upholland
 Buser, G. J., Ilkeston
 Bystocke, Nancy, Llanelli
 Co, Alec, Stoke Newington
 Cuv, R. G., Wellingborough
 Dalton, Ronald, Barrow-in-Furness
 Dyer, L. C., Kirkby
 Edwards, J. E., Gosport
 Emerson, Frederick, Skegness
 Emerson, Patricia, Hull
 Emphreys, J. H., Neath
 Evans, E. D., Cardiff
 Evans, J. I., Landore
 Evans, Nina A., Darwen
 Gale, Norman, Burslem
 Gant, N. S., Southampton
 Gossop, P. G., Glossop
 Gossop, Sybil, Nottingham
 Gossop, Henry, St. Ann's-on-Sea
 Gossop, G. W. A., Atherstone
 Gossop, Freda M., Derby
 Gossop, Harry, Preston
 Gossop, N. C., Barry Dock
 Gossop, John, Weston-super-Mare
 Gossop, W. E., Long Eaton
 Gossop, Helen, M., Redhill
 Gossop, R. L., Blackpool
 Gossop, Betty, Oswaldtwistle

Todd, Leslie, Rochdale
 Walker, J. C., Hull
 Warren, Eudora M., Redhill
 Watts, R. G., Bodmin
 White, D. W., Basingstoke
 Wilkinson, G. H., Manchester
 Williams, E. R., Pembroke
 Williams, Margaret E., Holyhead
 Wright, Dorothy, Haslingden

Edinburgh

Appleson, H. I., Leeds
 Arthur, Susan M., Edinburgh
 Bailey, Joyce B. C., Durham
 Billett, Joyce W., Edinburgh
 Booth, D. E., Yorkshire
 Bruce, Dorothy M., Paisley
 Bundred, James, Sunderland
 Buttler, F. J., Earlswood, Warwickshire
 Comrie, A. McL., Glasgow
 Coutts, C. D., Aberdeen
 Crawshaw, J. N., Halifax
 Cresswell, S. H. R., London
 Cruickshank, Janet H., Turriff
 Davies, G. R., Swansea
 Dawson, Mary, Airdrie
 Donnellan, Sheila N., Walsall
 Edwards, J. S., Lossiemouth
 Evans, Eric, Preston
 Fox, Edith B., Leeds
 Frenkel, Aurelia, Glasgow
 Gath, Mary, Halifax
 Gilbertson, Annie M., Edinburgh
 Glennie, E. R., Helensburgh
 Goring, A. L., Preston

Graham, C. E., W. Hartlepool
 Gray, T. G., Bellshill
 Hamer, D. T., Spennymoor
 Hay, A. S., Rhynie
 Healy, Anne G., Glasgow
 Jackson, Margaret, Hebden Bridge
 Jones, M. G., Beacon's Hill, Denbigh
 Jones, Pierce, Liverpool
 Lappin, J. M. C., Liverpool
 Longden, Mavis, Coventry
 Macfarlane, Malcolm, Forfar
 McIntyre, Elizabeth M., Glasgow
 Menzies, J. D. C., Banchory
 Miller, J. S., Newcastle-on-Tyne
 Millican, T. J., Liverpool
 Murray, W. L., Stanley
 Nicol, Margaret H. A., Dalbeattie
 Nixon, Robert, Whitehaven
 Norman, Dorothy S., Chester
 Presslie, Robert, Aberdeen
 Probert, H. M., Bingley
 Rigg, Margaret E., Dalton-in-Furness
 Sullivan, Eileen R., Birmingham
 Tetlow, Cora, Blackpool
 Thomas, Gordon, Hereford
 Thomas, J. F., Bellshill
 Tweddle, G., Carlisle
 Welsh, John, Ferryhill, co. Durham
 Whittle, Dorothy M., Bolton
 Wilson, Margaret T., Birmingham

PHARMACEUTICAL SOCIETY OF IRELAND

WHEN Mr. John Gleeson (president) took the chair at the sixty-eighth annual meeting of the Pharmaceutical Society of Ireland recently, the Council Chamber at 67 Lower Mount Street, Dublin, was packed. The meeting was one of the best attended and most successful held in the history of the Society. Particularly striking was the large number of young members of the Society who were present in addition to such respected veterans as Sir Thomas Robinson and Mr. Fred Storey, who came from Belfast.

Report on Council Election

At the outset of the proceedings THE REGISTRAR (Mr. J. J. Kerr) read the report of the scrutineers on the recent Council election, which showed that out of 736 voting papers posted 497 were returned and eighteen were received late. There were two spoiled votes. The voting was as follows: John Gleeson, 449; Patrick C. Cahill, 443; James A. O'Rourke, 414; Philip A. Brady, 399; Hugh P. Corrigan, 383; Cornelius C. Cremen, 364; Timothy B. O'Sullivan, 274; Michael G. Murphy, 268; Matthew J. Parkes, 237. The first seven on the list were duly declared elected members of the Council by the president.

Having extended a welcome to all present, and particularly those who had travelled long distances, Mr. GLEESON, in his presidential address, said "the work of the Council during the past year has been most satisfactory, and has been endorsed, I think, by the return of six out of the seven outgoing candidates. We have lost one of our members, Mr. Parkes, and I wish on my own behalf and on behalf of my colleagues on the Council to pay tribute to his valuable and conscientious work on the Council during the past twelve years. Mr. O'Sullivan, who replaces him, will, I am sure, render valuable assistance to his colleagues. I am pleased to report that membership is highest in the history of the Society, namely, 709 against 685 last year; Associate Druggists, twenty-eight, against twenty-nine last year. I regret to see that so few Registered Druggists support the Society. Seventeen Licentiates died during the year, one was removed under Section 25, and one name was restored. During the year sixty-eight candidates passed the Licence examination, the standard being very high. We have a gold medallist and a silver medallist this year. Forty-three students passed the Assistants'

examination, and three students pass the Registered Druggists' examination. Preliminary registrations—the number registered since October 1, 1942—show an increase of four over last year, at 145 against 144. The large numbers entering pharmacy continue to engage the serious attention of the Council, and we are making every effort, within our limited powers, to find a solution of the problem. Last year we sent a regulation to the Department of Justice proposing to allow one apprentice only to each pharmaceutical chemist, but this was turned down by the Minister on the grounds that it was *ultra vires*. We felt we had the power to make such a regulation, and we sought Counsel's opinion on the matter. Counsel sent us a favorable opinion, which we have passed on to the Department. The honorary officers of the Society have had interviews with An Taoiseach (the Prime Minister) and some of his Ministers, and have gone on deputation to the Department of Justice concerning the proposed pre-registration examination in chemistry and physics. We were very courteously received on each occasion, and, so far as the pre-registration examination is concerned, we are hopeful that our efforts will have been successful. I would suggest to our members and Licentiates that a large part of the solution of this problem lies in their own hands and I would appeal to them to make the necessary effort, voluntarily, by refraining at least, from taking more than one apprentice in each four-yearly period."

Educational Facilities Modernised

"At the moment," continued the president, "our schools are full, and some classes are booked far ahead. This position, I believe, is due to a scare. The Council will be considering this matter to-morrow and as I do not wish to anticipate decisions I shall not dwell on it further here. The education subcommittee has been actively engaged during the year in modernising our educational facilities, a large part of its time having been devoted to drafting the syllabus for the pre-registration examination to which I have already referred. In continuation of this scheme the committee has completely revised the curriculum in chemistry, so as to bring it into line with modern scientific theories. The teaching of chemistry has been completely revolutionised since the beginning of the century and the committee are desirous that our

ols should be up to date. The committee
engaged in the consideration of the courses
botany, materia medica and pharmacy."

Consultative Committee's Report

The Council has almost completed consi-
tion of the Consultative Committee's report,
if the progress has been slow, I suggest
that is the best proof which members can
of the very thorough and very searching
mination which each section has received.
n the Committee's report was first pub-
d we asked for criticism and suggestions
n our members, but we received neither,
in a recent election circular you were
med that there was an "outrageous
osal" in the so-called "widow's clause."
ould like to contrast Section 32 of the 1875
with the proposed clause to find wherein lies
hardship. The present clause gives per-
tion to carry on to executors, administrators,
trustees of deceased chemists and druggists.
derstand that few deceased members of our
ng create a trust of their business for the
fit of their heirs, and I am advised that
n an estate is administered there is no
ner protection, and that it is only by the
ncil's turning a benevolent blind eye that
widow and orphans have any protection.
Council is of opinion that this position
ld be regularised, and they propose that
widow of a deceased chemist or druggist
ld have five years' protection as a definite
t. An extension may be granted after that
he Council, and where a widow and orphans
concerned you may depend on the Council
ng, as it hitherto has taken, a benevolent

Lack of Representation in Legislature

Our failure to secure direct representation
the Oireachtas (Legislature) was very dis-
appointing and will have, I fear, a serious
effect on our prospects of securing the early
lation we had hoped for. Those of our
nbers who contested Dail seats, whilst
ng very well, failed to secure election. Our
representatives for Senate honours fared no
ber. This failure was by no means due to
lack of interest on the part of those connected
with pharmacy, but rather to the peculiar
system of election. Our Members, Licentiate,
Students, putting forward every effort,
served very hard for the return of our can-
dicates, and I should like to express here,
with my gratitude for, and appreciation of,
they have done. The Council jealously
guards the rights and privileges of our Licen-
ces, and has taken appropriate action
whenever these have been challenged.

Status of Chemists

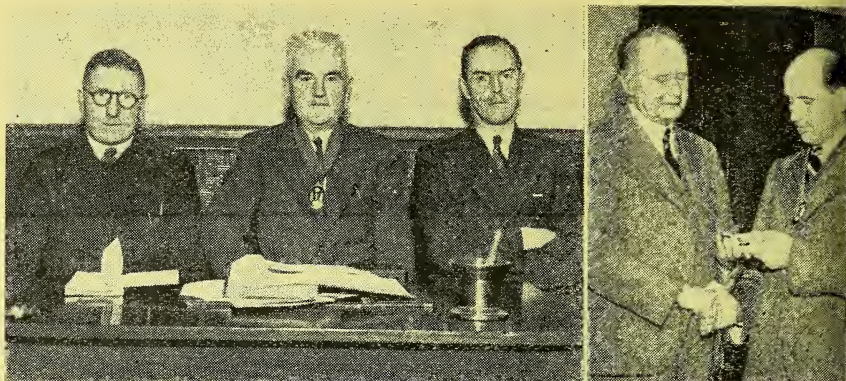
during the year some members of the Society
raised the question of the control of Dangerous
Drugs in first-aid posts and the status of
chemists in the Red Cross organisation. We
discussed the matter up with the Red Cross authori-
ties who met our objections very fairly by
insisting all dangerous drugs to be kept in a

locked receptacle, the key, or keys, of which
are held only by an authorised person, namely
a medical practitioner, a pharmaceutical
chemist or a registered druggist. The secretary
also informed us that the Irish Red Cross
Society has always recognised the value of the
chemist's qualifications, and as such has made
a regulation in the Divisional organisation that
all chemists are supernumerary officers.

Despite transport and other difficulties, the
Benevolent Fund dance was an outstanding
success. We are all indebted to Mr. Con Collis
and his energetic committee for having handed
over the magnificent sum of £268 to the Fund.
In conclusion, I wish to pay tribute to the vice-
president (Mr. Cremen) and treasurer (Mr.
Cahill) and to all my colleagues on the Council
for their great assistance and loyal co-operation,
to Mr. Kerr for his untiring service to the
Society and his kindness and helpful guidance
to me, to Miss Hyland for the courteous and
efficient manner in which she has carried out
her duties, and to our reporter (Mr. Hugh Smith),
to THE CHEMIST AND DRUGGIST and the "Irish
Chemist and Druggist" for the very full reports
of all our meetings which they have published."

I.D.A. President Replies

Mr. F. X. Meagher (president, Irish Drug
Association) said he rose to express their
appreciation of the intelligent and informative
address which Mr. Gleeson had given them.
As president of the Irish Drug Association he
remembered gratefully that Mr. Gleeson was
hardly in office before he made it his business
to attend a committee meeting of the I.D.A.
and express his appreciation of the work they
were doing for Irish pharmacy. The I.D.A.
committee met with plenty of kicks and very
few halfpence, and for that reason they were
always appreciative of any one who showed
recognition of their work. He regretted to say
that since some of the kicks came from members
of the Society, they were for that reason the
more appreciative of Mr. Gleeson's action in
coming along to their Committee, having regard
also to the fact that he was the holder of the
exalted office—the first in pharmacy—of
president of the Society. He would like to
extend on everybody's behalf their sincere
congratulations to Mr. Gleeson for his resound-
ing victory in the recent pharmaceutical elec-
tions (hear, hear). For the twelve years he
had been a member of the Council Mr. Gleeson
had been the successful foe of sycophancy and
yes-man tactics. He had won an all-high
record by polling 449 votes in the recent Council
elections. He would like to congratulate Mr.
Gleeson on the fact that, during his period of
office, a very important forward step had been
taken to solve one of their greatest problems,
and that was the almost unrestricted entry of
apprentices into their business. If the Depart-
ment of Justice accepted the point of view
expressed in the joint legal opinion given by the
two distinguished Counsel (Messrs. Costello and
McCarthy), as he hoped they would, the Society
would be on the road to solving this grave
problem of overcrowding. He would like to



Left: Newly-elected officers of the Pharmaceutical Society of Ireland, 1943-44: Mr. J. K. Whelehan (vice-president), Mr. C. J. Cremen (president), and Mr. P. C. Cahill (treasurer). Right: The president (Mr. John Gleeson) presents the Society's gold medal to Mr. Frank T. Timoney, M.P.S.I., father of the winner, Mr. Richard F. Timoney, M.P.S.I.

advert to the fact that a larger proportion of candidates were passing the Licence examination. This was as it should be. He thought they would agree with him that if they brought people into the business and they put in an average attendance and work for the examination they should have "more than an even-money chance" of passing it the first time.

He was glad to say this had apparently happened in the past year. It was a policy that should be maintained and, he believed, even extended. In former years a preposterously high standard was maintained in the examination, and a disgracefully low number of candidates passed. This was not to the credit of the Council or the Society. Speaking of finance, he would suggest that if funds were available steps should be taken to provide cultural, social and recreational facilities for the students. They were much behind in this matter, and much more behind other similar bodies who catered for students. This was a matter that would take time and money, but in the meantime, as a stop-gap, he felt the Council could follow the example of the I.D.A. by giving a fine subscription to the Rugby football club. He understood that Mr. Lester had tabled a motion for the recognition of the pharmacy class in Cork Technical School. He did not want to enter into the merits or demerits of that proposal, but he would like to warn the Council that if a pharmacy class in any technical school was recognised, there was a large body of members of the Society in the city of Dublin who would expect, or rather he should say demand, that the long-existing class in the Kevin Street school should be recognised at the same time. Not to do so would be a calculated insult on a member of the Society who conducted that class, to say nothing of a grave slur on the City of Dublin Vocational Committee. Mr. Gleeson, in his address, had referred to Mr. Murphy's election circular and the allusion in it to the so-called "widow's clause." Mr. Frank McGrath and himself, as

representatives of the I.D.A., had had a considerable amount to do with that clause. He felt that the Council should have the right to terminate the right of a widow to carry on the business of a deceased husband indefinitely. They felt this was desirable from the I.D.A. point of view, because the widow might marry a grocer or hardware merchant, with deplorable results for the I.D.A. He said because he wanted the I.D.A. Committee including Mr. McGrath and himself, to take any blame for the drawing-up of the clause. He was not blaming Mr. Murphy for criticising the Council over this matter, but he felt this particular criticism originally arose from Dublin. In conclusion, he congratulated the president on his fruitful year of office. He felt that in a few years' time they would look on this year as a milestone in the history of the Society. (Loud applause.)

Mr. D. J. NUGENT, seconding the vote of thanks to the president, said it gave him particular pleasure to do so because the president was an old fellow county-man of his own and did so with feelings of friendship and affection, which, if he might say so without meaning to be hurtful, must have been lacking for some time in their Society. He wished the president good health, the best of luck and great success in the future. (Applause.)

THE PRESIDENT, returning thanks for the vote, which was passed with acclamation, felt a little bit embarrassed about the compliments and flattering things they had said about him. He had had a very pleasant year of office, which was made easy because of the team and the loyal co-operation of his colleagues.

Treasurer's Report

Presenting his report as TREASURER, Mr. P. C. CAHILL said the financial year had closed with an income from members of £1,050. Comparative figures were: 1942, £1,017; 1943, £995; 1940, £915; and 1939, £911. During the past ten or twelve years there had been

ressive increase in membership and, while was considerable room for improvement, percentage of Licentiates now contributing Society's upkeep must be regarded as satisfactory. There was an increase of £212 in examination fees, due to a much greater percentage of passes in the Licence examination. Ordinary registration fees, at £600, showed a reduction of £33. There was an income of £73 from Examination fees. This did not indicate a reduction in the numbers for their examinations—in actual fact, numbers were larger—but rather an increase in examination costs. They realised an additional £45 on their investments, due to the fact they had invested a further £1,500 at the ending of the financial year. On the expenditure side there were increases in most—few, however, of a substantial nature. Most outstanding were travelling expenses, and fuel. The increase of £99 in travelling expenses was due partly to the increased number of provincial members on the Council, and partly to the fact that present travelling difficulties compelled country representatives to spend an additional night in Dublin when attending Council meetings. Light and fuel, at £156, showed an increase of £78. Normally they used anthracite for their central-heating plant, but anthracite was no longer available; they had to purchase substantial quantities of wood instead. Dealing with the balance sheet, he did not like to mention an increase of over £700 on the assets side paid in advance. These were fees paid for classes, and included some paid ahead as in 1946. On the assets side there were two matters he would like to comment on.

Investments and Properties

First was investments, which stood at £7, or in other words at the actual cost. If he had today these investments would secure a profit of something like £1,000. The second matter he wished to mention was the premises, valued in the balance sheet at almost £3,200. He believed the premises were full value for the return to them in occupation. At the same time they must keep in mind that the present Council might find the present accommodation unsuitable or insufficient, and be forced to seek premises elsewhere. In that case the premises might realise £3,000, but they would equally only realise £2,000. He had discussed the matter with members of the House Committee, and they were anxious that, at the approval of the annual meeting, they should recommend the Council to reduce the value to something like £2,000. This could be achieved by writing off £500 next year, and a further £500 over two or three years. The members of the House Committee strongly recommended this course. In the course of their report, the auditors had expressed their appreciation of the manner in which the books were kept, and of the assistance received during the year. This, of course, referred to Mr. Kerr, Miss Hyland, and he should like to add his personal thanks to them. In moving the adoption of the treasurer's report, G. C. O'NEILL, Blackrock, said the first

thing that struck him was the modest manner in which the treasurer gave his report. He felt sure the members of the Council and the ordinary members of the Society would find Paddy Cahill his own severest critic so far as the accounts were concerned. Sometimes he found balance sheets very confusing, but the accounts had been presented to them that night in a very explanatory manner. He would personally add his voice to the treasurer's on the question of reducing the value of the premises, because he thought it would be sound finance. He was glad to see that the membership fees had increased, but personally he would like to say that he did not assess the value of the Pharmaceutical Society in pounds, shillings, and pence. (Hear, hear.) Apart from finances the most important thing was the protection of their members, and the way to do that was not to get money by bringing people into the business. For that reason he would recommend not putting a value on a balance sheet if the real balance in their favour went down.

A Retrospect

MR. FRED STOREY, Belfast, seconding the motion, said that when he looked at that fine balance sheet he threw his mind back to the days when a treasurer reported that the Society could have no more prosecutions because there was no money to carry them on. They had every right to be congratulated on the position of the Society, and the fact that Paddy Cahill was their treasurer. He wished also to congratulate the president on his most interesting address, in which he dealt with many questions of interest to chemists everywhere. The "widow's clause" had been mentioned. Up North they thought they had settled the matter by establishing a five-year period, but it was coming up again before their Council, as they were not satisfied with the present position. In the South they seemed to be in great trouble about the large number of apprentices, but the trouble in the North was to get apprentices at all. The young people up there felt there was more money in engineering and the various building trades. He was glad to be there and to add his quota of praise to the work they were doing. (Applause.)

MR. M. J. O'ROURKE, Dun Laoghaire, supporting, said he considered the treasurer's report excellent. The question of a medical service for Eire had been referred to recently in the popular Press, but no mention had been made of a pharmaceutical service for the nation. In view of the sound financial position of the Society this year, he suggested that they should devote some of the surplus of £992 to employing a first-class journalist to make a case before the public for a pharmaceutical service, and not leave it to others. Somebody must provide a national pharmaceutical service jointly with the medical service and they were the people to do it. The report was adopted with acclamation.

Returning thanks, MR. CAHILL said Mr. O'Rourke had raised a point well worth considering.

(To be Concluded)

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency.

28 Essex Street, W.C.2, October 20

CONDITIONS in the London drug and chemical markets continue on much the same lines as those recorded last week. Business is not on a large scale, but the general tone is steady. A good number of inquiries have been received from the home consuming trades and a few export orders are noted. Considerable business would, of course, be possible if supplies were forthcoming in sufficient volume to meet the demand, but under present circumstances consumers are satisfied if their immediate requirements can be met. Prices in all sections of the market are generally firm, and no exceptional movements have occurred. Makers of PHARMACEUTICAL CHEMICALS report that no developments of general interest have transpired during the week. A fair demand has been received, but in a number of instances the short supply position restricts trading to modest proportions. Prices have remained generally firm.

Crude Drugs

The general demand for these commodities is quiet, but dealers report a moderate amount of business from the home consuming trades. A few export inquiries are noted, but in some cases supplies are difficult to find. Few price movements have occurred during the week, the only notable one in this section being an advance of sixpence per lb. in BALSAM TOLU. A considerable amount of inquiry has been received for Cape ALOES, but no business is possible, owing to lack of spot supplies. Trade in BENZOIN is confined to occasional sales at unchanged rates. There are no offers of BUCHU leaves. The price to consumers of the new CASCARA SAGRADA bark, available towards the end of the year, will be 260s. per cwt. Mombasa remains the only variety of CHILLIES offered at present. Some COCHINEAL may be obtained for the preparation of medicinal products. ERGOT continues in fair demand at prices varying rather widely according to condition. There is no change to report in the spot position of GUM ACACIA. HENBANE LEAVES of Indian origin may be had at widely varying prices, depending on the test. IPECACUANHA is a difficult market, there being no stocks available to meet consumers' requirements. The position of MENTHOL is unchanged,

with apparently no sellers at the current price. The better qualities of RHT have been in good demand. Dull conditions have again prevailed for SEEDS, with no change on the week. SPICES are generally quiet, with only a small business passing. Business in SENNA has been steady but unimportant. Some sales of STROBUS SEED are reported. Prices of all grades of TRAGACANTH are fully maintained.

Essential Oils

These products have again been in demand, but business is confined to sales from the meagre remaining stocks of uncontrolled oils. ANISE (STAR) is in supply, with prices nominal. A CAJUPUT may be obtained on spot. Eucalyptus distillers' price for genuine B.P. CLOVE steady. EUCALYPTUS is not plentiful and prices are unchanged. Small supplies of LEMONGRASS continue to be offered. NEROLINE PEPPERMINT is attracting a demand, but spot supplies are difficult to locate. No changes have been notified in the published prices of controlled essential or fixed oils.

Pharmaceutical Chemicals

ALLOBARBITONE.—Makers' price per cwt. steady at 60s.

AMPHETAMINE.—Available at the unchanged price of 150s. per lb.

ASPIRIN.—Makers' prices range from 3s. 6d. per lb. to 4s. 4d. per lb., according to quantities and packing.

ATROPINE.—Steady at the following prices per oz.: ALKALOID, 1 oz., 35s.; 4 oz., 34s. 2s. 5d.; 34s. SULPHATE, 1 oz., 28s.; 4 oz., 27s. 6d.; 25 oz., 27s. METHYL BROMIDE, 1 oz., 6s. 5d.

BARIUM SULPHATE, B.P. (X-RAY).—Quoted at the following rates per lb. in quantities of 25 lb. (containers in brackets): 1s. 5½d. (1 lb. 4d. (4-lb.)); 1s. 3d. (7-lb.); 1s. 2½d. (4 lb. 2d. (28-lb.)).

BISMUTH SALTS.—Makers' prices per lb. cwt. lots, are as follows: Carbonate, 8s. citrate, 10s. 9d.; nitrate, cryst., 5s. 9d.; 0 12s. 3d.; salicylate, 9s. 3d.; subchloride, subgallate, 12s.; subnitrate, 7s. 7d.

BORIC ACID.—Makers' quotations are as follows: B.P. granulated, £60 15s. per cwt. crystal, £61 15s.; powder, £62 15s. Packed one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards. Commercial grades, £8 per ton less.

OMIDES.—POTASSIUM is quoted by makers following prices per lb., in lots of from (containers in brackets): 3s. 5½d. (1-lb.); 3d. (4-lb.); 3s. 2½d. (7-lb.); 3s. 2½d. (10-lb.); 3s. 1½d. (28-lb.). SODIUM, ½d. per extra; AMMONIUM, 2½d. per lb. extra; extra, 2d. per lb. extra.

RATES.—Makers' prices for POTASSIUM, range from 2s. 11d. per lb. to 3s. 6½d. per lb. according to quantity and packing. IRON AMMONIUM (SCALES), B.P., is at 3d. per lb. and SODIUM is at 1d. per lb. below, these

EINE.—ALKALOID.—½ oz., 48s. 3d.; 1 oz., 96s. 6d.; 2 oz., 44s. 3d.; 3 oz., 43s. 6d.; 4 oz., 43s. 3d. HYDROCHLORIDE.—½ oz., 42s.; 1 oz., 39s. 6d.; 2 oz., 38s.; 3 oz., 37s. 3d.; 4 oz., 37s. 3d. PHOSPHATE.—½ oz., 37s. 9d.; 1 oz., 74s. 6d.; 2 oz., 33s. 9d.; 3 oz., 33s.; 4 oz., 33s.

AM OF TARTAR.—British makers' current price is steady at 262s. per cwt., less 2½ per cent. discount.

TROSE, B.P.—Makers' prices range from 1s. 10d. per lb. to 1s. 4½d. per lb., according to quantity and packing.

MORPHINE.—Current rates per oz. for quantities are as follows: ALKALOID, 54s.; 1 oz., 51s. 6d.; 2 oz., 50s.; 3 oz., 49s. 6d.; 4 oz., 49s. HYDROCHLORIDE.—½ oz., 46s. 6d.; 1 oz., 46s. 6d.; 2 oz., 44s. 3d.; 3 oz., 44s. 3d.

YLMORPHINE.—Prices per oz. for small quantities are as follows: ALKALOID, 51s.; 1 oz., 48s. 6d.; 2 oz., 47s.; 3 oz., 46s. 3d.; 4 oz., 45s. 6d. HYDROCHLORIDE, ½ oz., 43s.; 1 oz., 42s. 6d.; 2 oz., 39s.; 3 oz., 38s. 3d.; 4 oz., 38s. 3d.

COSE.—Bulk home-trade prices per lb. powdered monohydrate are as follows (containers in brackets): 1s. 1½d. (1-lb.); 1s. 0½d. (4-lb.); 11d. (7-lb.); 10½d. (14-lb.); 8-lb.).

CERIN.—Small supplies are priced as follows: 56-lb. tin, 99s. per cwt.; 14-lb. tin, 100s. per cwt., subject to 2½ per cent. discount, twenty days.

ACOLS.—CRYSTALS and CARBONATE may be obtained at from 14s. to 15s. per lb.

PHINE.—Small supplies are quoted by makers at the following prices per oz.: ALKALOID, 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s. 3d. HYDROCHLORIDE, ½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

NOLPHTHALEIN.—Makers' prices are undisturbed: Less than 7 lb., 4s. 6d. per lb.; 7 lb., 4s. 6d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 3d.

CARPINE.—Quotations per oz. are as follows: BASE, 1 oz., 27s.; 4 oz., 26s. 6d.; 1 lb., 26s.; HYDROCHLORIDE, 1 oz., 21s. 3d.; 1 lb., 20s. 9d.; 25 oz., 20s. 3d.; NITRATE, 1 oz., 18s.; 4 oz., 18s.; 25 oz., 17s. 6d.

ASSIUM PERMANGANATE.—Makers quote at 1s. 10d. per lb.

SANTONIN.—Home-trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2-4 kilos, £64; 1 kilo, £65; 500 grams, £66; 250 grams, £67; 100 grams, £68; less than 100 grams, £69 per kilo. Carriage paid in United Kingdom.

SULPHANILAMIDE.—Current prices range from 10s. 6d. to 12s. 6d. per lb., according to quantity.

TARTARIC ACID.—British makers quote 3s. 1½d. per lb. for B.P. crystal, less 5 per cent. discount.

TERPINEOL.—May be obtained for medicinal use at from 3s. 6d. to 4s. per lb., according to quantity.

VANILLIN.—Steady at the following levels: Ex clove oil or guaiacol, 5 cwt., 22s. 6d. per lb.; 1 cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d.

Crude Drugs

AGAR.—Approved users can obtain Kobe No. 1 for bacteriological purposes at 65s. to 70s. per lb.

ALOES.—A good demand has again been received for Cape, but no spot supplies are available; afloat, 92s. 6d. per cwt., c.i.f. Curaçao, 480s. per cwt. spot.

ANTIMONY.—English, 99 per cent. regulus, for essential requirements, £120 per ton, delivered; 70 per cent., for the home trade, £100 per ton, delivered.

BALSAMS.—*Tolu* is rather dearer at 14s. 6d. per lb. for softish material. Other varieties are unchanged: *Canada*, 10s. 3d. per lb.; *Peru*, 8s. 6d.; *Copaiba*, unobtainable.

BELLADONNA.—Indian leaf may be had on spot at 5s. to 5s. 6d. per lb., and Indian root at 4s. to 4s. 6d. per lb., both according to test.

BENZOIN.—Business is confined to occasional sales of odd cases at prices ranging between £22 ros. and £25 per cwt. for fair-quality Sumatra block. Free "almonds" would be at £32. Purchases for non-pharmaceutical purposes require the consent of the Director of Medical Supplies.

CAMPHOR.—Not much interest is being taken in this article at present. Approved buyers may obtain some Chinese crude on spot at 10s. per lb., and B.P. at 11s. 6d.

CARDAMOMS.—Spot quotations for Aleppy greens are steady at 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

CASCARA SAGRADA.—As noted last week (p. 396), the Ministry of Supply has intimated that the new bark which will be available for distribution towards the end of the year will be sold to consumers at 260s. per cwt.

CHAULMOOGRA.—*Hydnocarpus*, spot, tins in cases, 1s. 7d. per lb.; shipment from India, 1s. 3d. per lb., c.i.f.

CHILLIES.—Steady conditions obtain with Mombasa quoted on spot at 120s. per cwt.

CLOVES.—Spot quotations for Zanzibar are unchanged at 1s. 5½d. per lb.; second-quality, to arrive, 10d. per lb., c.i.f., sellers.

COCHINEAL.—Blacks, for medicinal preparations, 4s. 6d. per lb., on spot.

COCOA BUTTER.—Maximum official price remains at 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food Licence.

COCONUT (DESICCATED).—Price is controlled by Ministry of Food Order at 49s. per cwt.

DIGITALIS LEAVES.—Portuguese leaves, steady at 135s. per cwt.; English-grown leaves, 2s. 6d. per lb.

DRAGON'S BLOOD.—The only variety available is dull Zanzibar drop, which would fetch £21 per cwt. on spot.

ELEMI.—Small supplies of No. 1 gum may be obtained on spot at 340s. per cwt.

ERGOT.—Sound material would be worth 5s. 9d. on spot, and wormy, 5s. 3d.; shipment, 5s.; c.i.f.

GALANGAL ROOT.—Quoted at 100s. per cwt., in bond Liverpool.

GUM ACACIA.—Spot quotations for Kordofan cleaned sorts are unchanged at 95s. per cwt.; bleached, 150s., c.i.f. Talha, cleaned, 55s. per cwt., landed terms.

HENBANE LEAVES.—Quotations for Indian leaves are steady at from 200s. to 350s. per cwt., according to test. Russian leaves, to approved buyers, 3s. 6d. per lb.

IPECACUANHA.—In considerable request but no supplies appear to be available. Current prices of EXT. IPECAC. LIQ. are as follows: Winchester, B.P., 1932, under three, 30s. 6d. per lb.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s.; B.P., 1914, under three, 28s. 6d.; three and under six, 28s.; six and under twelve, 27s. 6d.; twelve and over, 27s. per lb.; all prices quoted are on a net basis.

JALAP.—Brazilian root, testing 16 per cent. resin, is quoted on spot at 105s. per cwt.; 13 per cent., 95s.

KAMALA.—Spot price of material testing about 5 per cent. ash would be 1s. 9d. per lb.

LIQUORICE ROOT.—Approved users can obtain Russian root for pharmaceutical purposes at 75s. per cwt., spot; cut Russian root, for non-pharmaceutical purposes, 96s. per cwt.

MENTHOL.—No change in the position is previously reported. Consumers may be able to cover small lots at 95s. per lb.

MERCURY.—Official spot quotations range from £68 10s. to £69 15s. per flask, according to conditions and quantity, with higher rates for smaller lots and redistilled grades.

MYRRH.—Good-quality Aden sorts are quoted on spot at £20 per cwt.; pickings, £10.

NUTMEGS.—West Indian, spot, wormy and broken, 1s. 6d. per lb.; sound unassorted, 1s. 9d.

NUX VOMICA.—Spot, washed and garbled Cochin, 42s. 6d. per cwt.; shipment from India, 35s., c.i.f. Cocanada, spot, 37s. 6d. per cwt.; shipment, 32s. 6d., c.i.f.

ORANGE PEEL.—Spanish bitter quarters offered on spot at 4s. 3d. per lb.; good-quality thin-cut may be obtained at 4s. 6d. per lb.

PEPPERS.—Maximum prices of whole, picked over or cleaned, on sale to processors are: 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty paid.

PIMENTO.—Sellers on spot at 1s. 9d. per lb. shipment not quoted.

PODOPHYLLUM.—Untested material, 95s. per cwt.

PSYLLIUM SEED.—Small spot supplies Indian seed are offered at 1s. 3d. per lb., store.

QUILLAIA BARK.—Crushed or cut bark, 95s. per cwt.; natural, spot, 75s.; afloat, 6 c.i.f.

RHUBARB.—Continues in fair request at changed rates. Rough-round, spot, 8s. per lb. flat, high-dried, rough-coat, 8s. to 8s. 3d. slightly wormy, 8s.; Shensi pickings, 10s.

SAPONIN.—Quoted on spot at 7s. 6d. per lb. ex store.

SEEDS.—Again a dull market, with practically no business being done; values are unchanged. CORIANDER.—Indian, 90s. per cwt. CUMIN.—Maltese spot, 120s.; Indian, 110s. DILL.—1942, ex wharf Glasgow; 167s. 6d., ex wharf London. FENNEL.—Nominal at 87s. 6d. FENUGREEK.—May be had at 80s. MUSTARD.—Control prices as recently recorded are unchanged.

SENNA.—Generally very quiet during week, with no changes in quotations. P. Alexandrian medium, 3s. 9d. to 4s. per lb. Tinnevely, hand-picked, manufacturing grade, 6d. to 7½d. Leaves, broken Alexandrian, 1s. to 1s. 4d.; siftings, 1s. 2d.; Tinnevely No. 1, 9d. to 10d.; No. 2, 7d. to 7½d.; No. 3, 6d. to 7d.

SQUILL.—Portuguese bulb is offered on spot at 80s. per cwt.; Indian, 72s. 6d.

STRAMONIUM LEAVES.—Dealers can cover spot supplies at 95s. per cwt., ex store.

STROPHANTHUS.—Some sales have been made during the week at 10s. per lb. for Kombé 50 per cent.; small lots would be rather dearer.

TRAGACANTH.—Prices of all grades firm and unchanged. The principal medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £73; amber leaf, £63; dark amber, £45; brown leaf, £35; red-brown leaf, £32; red leaf, from £30; honey-scented, from £17; woody and dark, £12.

TURMERIC.—Quiet conditions continue, little interest being shown. Sound-quality Madras finger may be obtained on spot at 57s. 6d. per cwt., and wormy material at 55s. per cwt.

VALERIAN ROOT.—Spot quotation steady at 95s. per cwt., ex store.

WAXES.—BEES.—Obtainable only through the Association of Merchant Distributors. CARNAUBA.—Quiet. Fatty acid spot, steady at 420s.; chalky grey, 410s. Primeira, 530s. per cwt.

Essential and Expressed Oils

STAR.—Prices nominal at 80s. per lb., supplies short.

Y.—Any available oil would be worth approximately 12s. 6d. per lb. on spot.

DE ROSE.—Spot price of any available oils would be in the region of 47s. per lb.

JUPUT.—Small supplies may be obtained at around 15s. per lb.

NAMON.—Leaf oil is quoted at 15s. 6d. to per lb.

TRONELLA.—Java, spot, about 25s. per lb.; n, approximately 21s. 6d.

OVE.—No change in English distillers' at from 11s. 6d. to 12s. per lb. for genuine oil according to quantity.

CONUT.—Bulk supplies of refined deodor- are officially quoted at £49 per ton, and d hardened deodorised at £53, both naked orks.

TONSEED.—Bulk supplies are officially d as follows: Refined edible, £57 per ton; d deodorised, £58 per ton; both naked orks.

OTON.—Quoted at 9s. 6d. per lb.

CALYPTUS.—Small spot supplies of oil iving 70 to 75 per cent. cineole would be n about 5s. 9d. per lb.; 80 to 85 per cent. l fetch about 6s., both grades in drums.

ANUM.—Spot prices of genuine North an are steady at around 85s. to 90s. per cording to quantity.

NGER.—English-distilled oil may be had at ximately 90s. per lb.

NGERGRASS.—Spot supplies are small; in the region of 22s. 6d. per lb.

MONGRASS.—In small compass on spot at d 13s. 6d. per lb.

TMEG.—Oil from West Indian nutmegs e had at about 42s. per lb.

LMAROSA.—Spot, 93 per cent., if available, l fetch about 35s. per lb.

TCHOULI.—Good-quality oil, if available on ould fetch about 72s. 6d. per lb.

PPERMINT.—Chinese remains in good nd, but supplies are hard to locate; spot, aivable, 110s. per lb.

TITGRAIN.—Spot supplies are meagre; about 25s. per lb.

PESEED.—Official quotation for bulk sup- of refined is unchanged at £60 per ton, d ex works.

SEMARY.—Any available spot supplies d be worth about 16s. per lb.

TIVERT.—Spot, if available, approximately er lb.

Controlled Essential Oils.—The following are ntrolled prices per lb. for essential oils rted under the essential oils scheme (for ls, see *C. & D.*, September 4, p. 255): *L-Lend Oils (American)*: Lemon, cold ed, 18s. 10½d.; lemon, distilled, 14s. 4d.;

peppermint, 36s. 4d.; grapefruit, 18s. 2d.; sassafras, 11s. 1½d.; caraway, 20s. 4½d.; worm- seed, 15s. (plus purchase tax); cedarwood, 3s. 1d.; nutmeg, 23s. 3d. *Oils from Empire Sources (maximum prices)*: Clove, Zanzibar, 5s. 6d.; citronella, 5s.; lime, 46s. 3d.; lemon- grass, 5s. 6d.

TRADE MARKS

(From "*The Trade Marks Journal*," September 22)

"**AUROMIN**"; for pharmaceutical preparations of compounds of gold for treatment of asthma (5). By Clinical Products, Ltd., 2 The Green, Richmond, Surrey. 623,648.

"**SALVAVIDA**"; for soaps (3). By Lever Bros., Port Sunlight, Ltd., Port Sunlight, Cheshire. 623,813 (Associated).

"**BIOLAC**"; for infants' and invalids' foods, dietetic foods and pharmaceutical prepara- tions, all consisting principally of milk (5). By The Borden Co., 350 Madison Avenue, New York, U.S.A. 615,495 (Associated).

"**EVANS**" in device form; for pharmaceutical preparations for human and veterinary use, all for export (5). By Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool, I. B617,355 (Associated).

"**ALDESTAN**"; for pharmaceutical preparations in tablet or powder form for treatment of typhoid fever (5). By R. Marberger and F. Zipser, Bovis House, New Business Centre, Haifa, Palestine. 620,375.

"**CIGENTHOL**"; for medicated cigarettes and smoking herbs for medicinal purposes, none containing tobacco (5). By G. W. Taylor, 40 Duncombe Street, Walkley, Sheffield. 622,768 (Associated).

"**OZTOX**"; for pharmaceutical substances for human and veterinary use; sanitary substances, disinfectants and insecticides (5). By Ozonol Laboratories (1930), Ltd., 7-9 New Wharf Road, King's Cross, London, N.1. 623,770.

"**ROVOCK**"; for medicinal syrups (5). By John H. Robson & Co. (Manufacturing Chemists), Ltd., Tynevale Works, High Street, Newburn-on-Tyne, Northumberland. 624,145.

"**PSYLTOL**"; for insecticides and fungicides (5). By Pest Control, Ltd., Harston, Cambridge- shire. 624,202.

"**IBTON**"; for surgical, medical, dental and veterinary instruments and apparatus (10). By I.B.T. (London), Ltd., 38 Lombard Street, London, E.C.3. 624,093.

CONVERSION OF SPECIFICATIONS

Section 36 (3) and Rules 6 to 8

To Schedule IV (with amalgamation): No. 370,966 by Hazlehurst & Sons, Ltd.

"**C. & D.**" Quiz No. 13.—The answers to the questions given on p. 409 are: 1. Takamine. 2. Benjamin Testy, a Gloucester farmer, 1774. 3. Ung. pot. polysulph., B.P.C. 4. Santonica. 5. Pil. digit. co., B.P.C. 6. Rennet. 7. Parogen, B.P.C. 8. Pasta mag. sulph. 9. Tinct. aloes et myrrh. 10. Tinct. ammon. co.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Eire Council Election

SIR,—May I trespass on the hospitality of your valued journal to convey my sincere thanks to the voters who returned me to the Council of the Pharmaceutical Society of Ireland. I can assure all members that I will work to the best of my ability in furthering the interests of Irish pharmacy.

Yours faithfully,

Dublin. T. BRENDAN O'SULLIVAN.

Cleaning Corks

SIR,—With reference to your correspondent's inquiry regarding cleaning corks; (*C. & D.*, October 2, p. 345), for many years we have picked out serviceable corks returned in empty medicine bottles, etc. They are readily cleaned by taking a few in the hands when washing and rubbing with soap or, better, soap with the addition of a trace of abrasive cleaning powder. This operation cleans the corks and hands at the same time. We save about half to one gross of corks weekly in this way. Also I find the used corks, being slightly damp, make a much better fit into the neck of the bottle than do new ones which, if very dry, tend to break. I also tried boiling corks in soapy water, but this is not successful. I should have added that the corks are, of course, well rinsed after washing. . . As you have so often been of great assistance to me I am glad of this opportunity of sending this little tip.—Yours faithfully,

Cambridge.

JOHN B. SIMMONS.

Rubber Industry's Example

From Lord Strathspey

SIR,—British manufacturers do not seem as yet to have made up their minds about how they propose, when the war ends, to go about selling to other countries what they make. It is true that the Board of Trade set up, last year, a Central Committee of Export Groups, although others have suggested that it would be well if the Groups themselves were to begin to fade out of existence when peace arrives. The Association of British Chambers of Commerce advocates a Council of Industry. The Institute of Export and the Federation of British Industries have probably got plans of their own. Although there is so much diversity in the approach to the problem, the need

for an expanding export trade is, naturally, accepted by all. There is an almost unanimous feeling that each industry must be in control of its own affairs; that the flexibility of private enterprise ("a good ship," to quote Sir William Beveridge "which has brought us thus far") must be reconciled with the rigidities of the plan. A step out of this confusion about the means to be taken to attain an end universally desired is indicated by the action of the rubber industry, which has now grouped twenty-four distinct Associations into a Federation of 289 firms, with 320 factories. Their common bond is that all of them use the same raw material—for shoes, tyres, belting, gloves, sports goods, garments and a variety of other products. This example of this important cross-section of British industry might usefully be considered by other trade associations who have already been impressed by the advantages of working together in war-time. Let them federate. When they have done so they will hold the key to regulating the flow of trade into those channels which will yield maximum employment to the men they come home.—Yours faithfully,

Rottingdean.

STRATHSPEY

The Late Mr. W. L. Dixon

SIR,—Leslie Dixon's death, recorded in your last issue, is a tragic loss to his leagues and friends. He came into my life when first he joined the *C. & D.* after the last war, and a friendship was formed which passing years more firmly cemented. A recent letter from him lies on my desk awaiting an answer. It is characteristic in revealing the keenness of his vision and the persistence in development of his work on the *C. & D.* in its contribution to the consolidation of pharmacy in our homeland. In the times ahead, his knowledge and sagacity will be missed, but his inspiration remains an abiding memory, which stimulates to more effective service.—Yours faithfully,

London, N.7.

HERBERT SKINNER

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W. is closed on Saturdays until further notice. Urgent instructions relating to advertising subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.



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proportionately. Much as we regret the
necessity for so doing we feel sure that we
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In 2 oz. Glass Jars 12/- doz. tax extra
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Messrs. Robert Ferber Ltd., have pleasure in announcing that the situation concerning supplies of Medicinal Capsules has IMPROVED and deliveries are now being made more promptly of all kinds, excepting a very few for which medicaments are not available.

Customers who are entitled to allocation of Halibut Liver Oil Capsules should send in their orders NOW.

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Tubes of 12 tablets Boxes of 250 tablets

One tablet dissolved in 10 cc. of water gives a 2½% solution of 'Albucid' Soluble, isotonic with the tear, pH 7.4.

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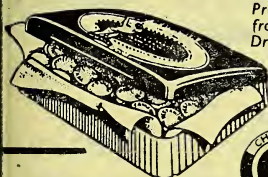
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THE NERVE FOOD
THAT ALL CAN SO
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PRUNOL
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Aspro Limited COMPANY MEETING

The EIGHTH ANNUAL GENERAL MEETING of Aspro, Limited, was held on October 12, at Winchester House, Old Broad Street, London, E.C.

Mr. HUGH F. MIDDLETON (chairman of the company) presided.

The SECRETARY (Mr. A. W. R. Lovering) read the notice convening the meeting and the report of the auditors.

The following is the statement by the CHAIRMAN circulated with the report and accounts:—

Shortly before the close of the year under review your company suffered a grievous loss by the sudden death of its chairman and managing director, Mr. G. M. Garcia. This loss will be felt not only by those who were in daily touch with him but in wide and various circles.

MR. GARCIA'S DEVOTION TO THE COMPANY

Mr. Garcia, in addition to devoting himself to the direct control of our own business, took a leading part in matters appertaining to the English chemical industry generally, to the great benefit not only of the company but also to the industry and public alike; his valuable contribution in this respect to the war effort was realized and appreciated by the various Government Departments with which he was in contact.

PROFIT FOR PAST YEAR

Turning now to the business of the meeting, you will have read the directors' report and accounts to which I propose to make a few brief references. The profit on trading for the year under review is £278,701 after provision has been made for the estimated E.P.T. liability. After deducting depreciation, directors' fees, and pension fund contribution, amounting in the aggregate to £10,981, there remains a sum of £267,720, which, with the sum of £18,842 brought forward from last year, makes a total available balance of £286,562.

Your directors recommend the transfer of £155,000 to income-tax reserve, £25,000 to general reserve, and a grant of £10,000 to the pension fund. This will leave an available balance to the credit of profit and loss account enabling your directors to recommend the declaration of a final dividend on the Ordinary stock of 15 per cent., less tax, which brings the total distribution for the year up to 25 per cent., less tax.

In spite of war-time restrictions, you were informed last year that our export trade had been maintained. To-day, factors governing exports are, if anything, more difficult, but I can say that with the limited field available we have kept our hold on the export trade and strengthened the foundation for post-war development in this direction.

HIGH REPUTATION OF PRODUCTS

The high reputation of our products has been fully maintained, and, as the figures show, the demand continues to increase notwithstanding the policy of percentage rationing of orders which we have been compelled to adopt. During the year we formed a subsidiary company which has acquired, on satisfactory terms, the rights in this country and the other territories in which your company operates (including certain countries now in enemy occupation) to use the special method of packing employed for our products, together with the full complement of machines. This acquisition accounts for the increase under the heading "Investments in subsidiary companies" in the balance sheet.

The CHAIRMAN moved: "That the directors' report and the audited accounts of the company as at 30th June, 1943, be and they are hereby received and adopted."

Dr. F. STAFFORD CLARK seconded the resolution, and it was carried unanimously.

GABAIL PRODUCTS

ELIXIR GABAIL

The ideal sedative in all nervous affections

	Retail, including Purchase Tax	Wholesale per dozen	Purchase Tax
Bottle of 187 c.c. . . .	5/-	39/-	6/6
„ 16 oz. . . .	9/6	72/-	12/-

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An effective medicament for the paroxysms of Whooping Cough

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The great demand for Phosferine Products has created many problems connected with the manufacturing and distribution of these very popular lines. But these difficulties as they arise, are being overcome.

It has been necessary to introduce emergency packs for Phosferine Tablets, owing to the shortage of glass and the difficulty of obtaining cardboard. These new packs, wax paper tubes, are illustrated in the group of Phosferine Products.

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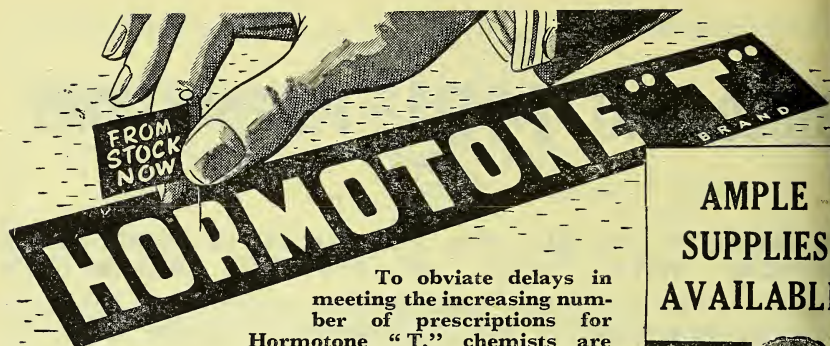
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				Retail Price	CHEMISTS' PRICE					
					Per unit			Per dozen		
ANTIPEOL				(Inclusive of Tax)	Net	+	Purchase Tax	Net	+	Purchase Tax
OINTMENT										
	4 oz. tube	..	..	6/8½	4/2½	+	8½	50/5	+	8/5
	40 gr. "	..	..	3/4½	2/1½	+	4½	25/3	+	4/3
	20 gr. "	..	..	1/10½	1/2	+	2½	14/-	+	2/4
LIQUID										
	40 c.c. bottle	..	..	3/4½	2/1½	+	4½	25/3	+	4/3
OPHTHALMO-ANTIPEOL										
	2 r. Nozzled tube	..	..	3/4½	2/1½	+	4½	25/3	+	4/3
RHINO-ANTIPEOL										
	2 r. Nozzled tube	..	..	2/9½	1/9	+	3½	21/-	+	3/6
ETEROFAGOS (ORAL AND INJECTABLE)										
	Box of 50 ampoules	..	..	19/-	13/3½		None	159/7		None
	" 10 "	..	..	4/3	3/-		None	35/8		None
	" 5 "	..	..	2/6	1/9		None	21/-		None
TENSYL										
	Box of 500 tablets	..	..	39/-	24/-	+	4/-	288/-	+	48/-
	Box of 50 "	4/5½	2/8½	+	5½	32/4	+	5/5
S. JAMES' BALM										
	Box of approx. 2½ ozs.	2/10	1/11	+	4	22/6	+	3/9
	" " 1 oz.	1/5	11	+	2	11/3	+	1/11
	" "	1/2	9	+	2	9/-	+	1/6

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THE PERFECT HAIR CLEANSER

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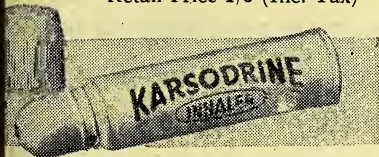
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The volatile vaso-constrictor in Karsodrine penetrates the labyrinthine recesses of the nasal cavity, rapidly depleting turgid mucosa, and clearing the air-way, facilitating drainage secretions, and rendering the "soil" less favorable to the growth of organisms. The Karsodrine Inhaler is compact and particularly convenient to use, there being only one cap move.

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Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax), which yields 5/24d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

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OCTOBER 23
1943

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PROPRIETARIES PRICE LIST

A limited number of the Booklet reprints of the C. & D. Price List of Medicinal Proprietaries, which recently appeared in the weekly issues of the C. & D., are all available. Completely revised and corrected to July 31, 1943, this list represents the most convenient time-saver available to retail pharmacists, and solves many of the difficulties of war-time trading in medicines.

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CAP SHAPE NET (no elastic), 21/- gross.

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HAIR PINS, boxed in 3,000, 1½ in., 9/- per 1,000.

Ditto, boxed in 2,000, 2 in., 11/3 per 1,000.

Plus 33¼% purchase tax.

HAIR SLIDES, assorted shades, 30/- per gross.

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Send stamp for list of goods available.

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August, 18th, 1943.

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